

The latest version of this document is available at “IMDS Information Page”.
You can find it through “FAQ” → “OEM Specific Information” → “Yamaha”.

Refer to the latest version when you create IMDS datasheet.

<https://public.mdssystem.com/web/imds-public-pages/oem-specific-info>

Yamaha Motor IMDS Operation Manual

Ver. 3.0

Sections marked with ☆ are methods specific for data submission to Yamaha Motor

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Yamaha Motor Co., Ltd. Environmental Control and Administration Group

Important points when sending IMDS data



When sending your data to Yamaha, make sure they have the correct **Recipient ID**, **Supplier Code**, and **Part Number**.

* Incorrect datasheet will be rejected.

- Recipient: Refer to next page for IMDS recipient company ID
- Supplier Code: Supplier Code used in the transaction (e.g. 1234)
- Part/Item No. : Part Number or Material Code used in the transaction (e.g. ABC-12345-00-00-80)

[IMDS "Recipient data" page]

The screenshot shows the 'Recipient data' page in the IMDS system. The page has a menu bar with 'MDS', 'Functions', 'Administration', and 'Help'. Below the menu bar are tabs for 'MDS/Module Search', 'Ingredients *', 'Supplier Data *', 'Recipient data *', and 'Analysis'. The 'Recipient data *' tab is selected. The page displays the following information: Name: Part 1, ID version: 906932443 / 0.01, Node ID: 906932443, Status: Edit mode. Below this is a toolbar with icons for 'Send', 'Propose', 'Release Internal', and 'Publish'. The main content area shows the 'Details' section with a table of recipient data. The table has columns for 'Organisat...', 'Recip. Status', and 'Code'. The first row shows 'YAMAHA MOTOR CO., LTD.' with a 'Supplier Code' of '120146'. A red box highlights the 'Supplier Code' field in the 'Details' section, which contains the value '1234'. Another red box highlights the 'Part/Item No.' field, which contains the value 'ABC-12345-00-00-80'. A third red box highlights the 'Name' field, which contains the value 'Item Assy.'. A callout box points to the 'Supplier Code' field with the text 'Correctly enter Supplier Code and Part/Item Number used in the transaction.' Another callout box points to the 'Part/Item No.' field with the text 'Always search the recipient by Company ID *Every Yamaha group company has a unique ID. Refer to next page.'

Always search the recipient by **Company ID**
*Every Yamaha group company has a unique ID. Refer to next page.

Correctly enter Supplier Code and Part/Item Number used in the transaction.

Organisat...	Recip. Status	Code
YAMAHA MOTOR CO., LTD.		120146

Supplier Code: 1234
Name: Item Assy.
Part/Item No.: ABC-12345-00-00-80

(Note) For automobile engine parts, send the data by following separate instructions from Yamaha Automotive Development Section.

Country(reason)	Company Name	Abbreviation	Company ID
Japan	YAMAHA MOTOR CO., LTD.	YMC	120146
Japan	YAMAHA MOTOR POWERED PRODUCTS Co., Ltd.	YMPC	177699
Japan	YAMAHA MOTOR ELECTRONICS CO., LTD.	YEJP*	140965
Japan	Y'S GEAR CO.,LTD.	Y'S GEAR	201147
Japan	YAMAHA MOTOR ENGINEERING CO., LTD	YEC	179697
Japan	YAMAHA MOTOR HYDRAULIC SYSTEM CO., LTD.	YHSJ	27968
Japan	YAMAHA MOTOR PRECISION PARTS MANUFACTURING CO.,LTD.	YPMJ	179280
Japan	SHIZUOKA BLUE REVS CO.,Ltd	SBR	244740
U.S.A.	YAMAHA MOTOR MANUFACTURING CORPORATION OF AMERICA	YMMC	165599
U.S.A.	YAMAHA MOTOR CORPORATION, U.S.A.	YMUS	196791
U.S.A.	G3 BOATS	G3 Boats	213650
U.S.A.	SKEETER PRODUCTS	SKEETER	232864
U.S.A.	BENNETT MARINE INC.	BENNETT	232866
U.S.A.	YAMAHA MARINE SYSTEMS COMPANY	YMRM	232867
U.S.A.	YAMAHA JET BOAT MANUFACTURING	YJBM	232869
U.S.A.	YAMAHA MARINE PRECISION PROPELLERS Inc.	YPPI	232871
U.S.A.	YAMAHA GOLF-CAR COMPANY	YGC	232872
U.S.A.	INDUSTRIAL POWER PRODUCTS OF AMERICA, Inc.	IPA	232873
U.S.A.	SIREN MARINE, Inc	Siren Marine	250725
Argentina	YAMAHA MOTOR ARGENTINA S.A.	YMARG	261712
India	INDIA YAMAHA MOTOR Pvt Ltd	IYM	189424
India	YAMAHA MOTOR ELECTRONICS INDIA PVT. LTD.	YEIN	223361
Indonesia	PT. YAMAHA INDONESIA MOTOR MANUFACTURING	YIMM	133157
Indonesia	PT. YAMAHA MOTOR PARTS MFG INDONESIA	YPMI	135896
Indonesia	PT. YAMAHA MOTOR ELECTRONICS INDONESIA	YEID	133408

*YEJP was merged into YMC in Jan 2025. However, their name/company ID will be used as a recipient of IMDS datasheet for the time being.

Country(reason)	Company Name	Abbreviation	Company ID
France	YAMAHA MOTOR MANUFACTURING EUROPE SAS	YMME	65226
Australia	YAMAHA MOTOR AUSTRALIA Pty. Ltd.	YMA	202702
Netherlands	YAMAHA MOTOR Europe N.V.	YMENU	202701
Canada	YAMAHA MOTOR CANADA Ltd.	YMCA	202703
Colombia	INDUSTRIA COLOMBIANA DE MOTOCICLETAS YAMAHA S.A.	INCOLMOTOS	187678
Singapore	YAMAHA MOTOR DISTRIBUTION SINGAPORE Pte. Ltd.	YDS	264248
Thailand	THAI YAMAHA MOTOR Co., Ltd.	TYM	121888
Thailand	YAMAHA MOTOR ASIAN CENTER Co., Ltd.	YMAC	184692
Thailand	YAMAHA MOTOR PARTS MANUFACTURING(THAILAND)CO.,LTD.	YPMT	53486
China	ZHUZHOU JIANSHE YAMAHA MOTOR Co., Ltd.	ZCYM	129690
China	CHONGQING JIANSHE YAMAHA MOTOR Co., Ltd.	CJYM	130438
China	YAMAHA MOTOR CHINA Co., Ltd..	YMCN	174805
China	YAMAHA MOTOR ELECTRONICS SUZHOU CO.,LTD	YESZ	193353
(Taiwan)	YAMAHA MOTOR TAIWAN Co., Ltd.	YMT	153706
(Taiwan)	YAMAHA MOTOR TAIWAN TRADING Co., Ltd.	YMTT	174807
(Taiwan)	YAMAHA MOTOR ELECTRONICS TAIWAN CO.,LTD.	YETW	186718
New Zealand	YAMAHA MOTOR NEW ZEALAND Ltd.	YMNZ	202704
Pakistan	YAMAHA MOTOR PAKISTAN (Private) Limited	YMPK	260766
Philippines	YAMAHA MOTOR PHILIPPINES, Inc.	YMPH	232874
Finland	INHA WORKS Ltd.	IWL	238836
Brazil	YAMAHA MOTOR DA AMAZONIA Ltda.	YMDA(B)	184936
Brazil	YAMAHA MOTOR ELECTRONICS DO BRASIL LTDA	YEBR	213722
Vietnam	YAMAHA MOTOR VIETNAM Co., Ltd.	YMVN	164046
Vietnam	YAMAHA MOTOR PARTS MANUFACTURING VIETNAM	YPMV	169601
Vietnam	YAMAHA MOTOR ELECTRONICS VIET NAM CO.,LTD	YEVN	203658

Objective and overview of IMDS data acquisition

Background and objective



- To comply with various chemical regulations in our global market, we must understand and control the hazardous substances in our products.
- All items shipped as Yamaha products and their parts are subject to control.
 - Example: parts, raw materials, indirect materials (oil, grease, adhesives, etc.), packaging materials for shipping
- Yamaha requests this compliance by specifying Yamaha Technical Standard YGK-A-119 (Management Rules for Chemicals in Products) on the drawings for the supplier. *1
- Suppliers must collect information on substances of the items and confirm that they meet the standard above. Then, the collected data must be submitted to Yamaha via IMDS *2. We use **the IMDS data as quality assurance data for the required specifications of the YGK-A-119 and evidence of regulatory compliance.**

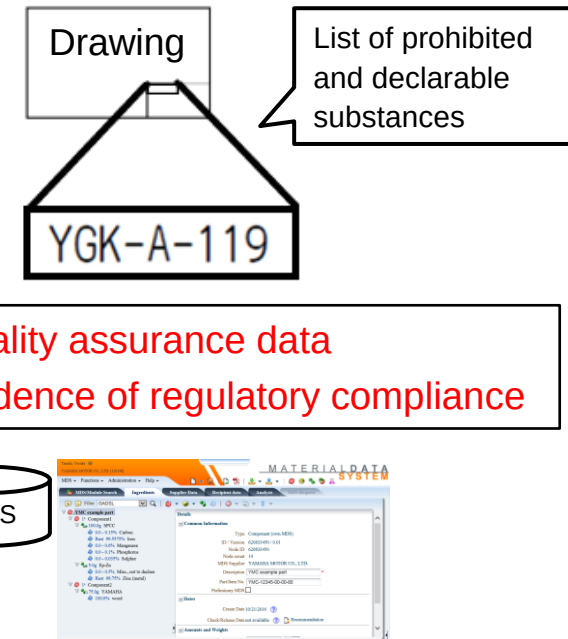


Substance A: ○%
Substance B: □%
Substance C: △%

Substance D: ○%
Substance E: □%
Substance F: △%

Substance G: ○%
Substance H: □%
Substance I: △%

Substance J: ○%
Substance K: □%
Substance L: △%



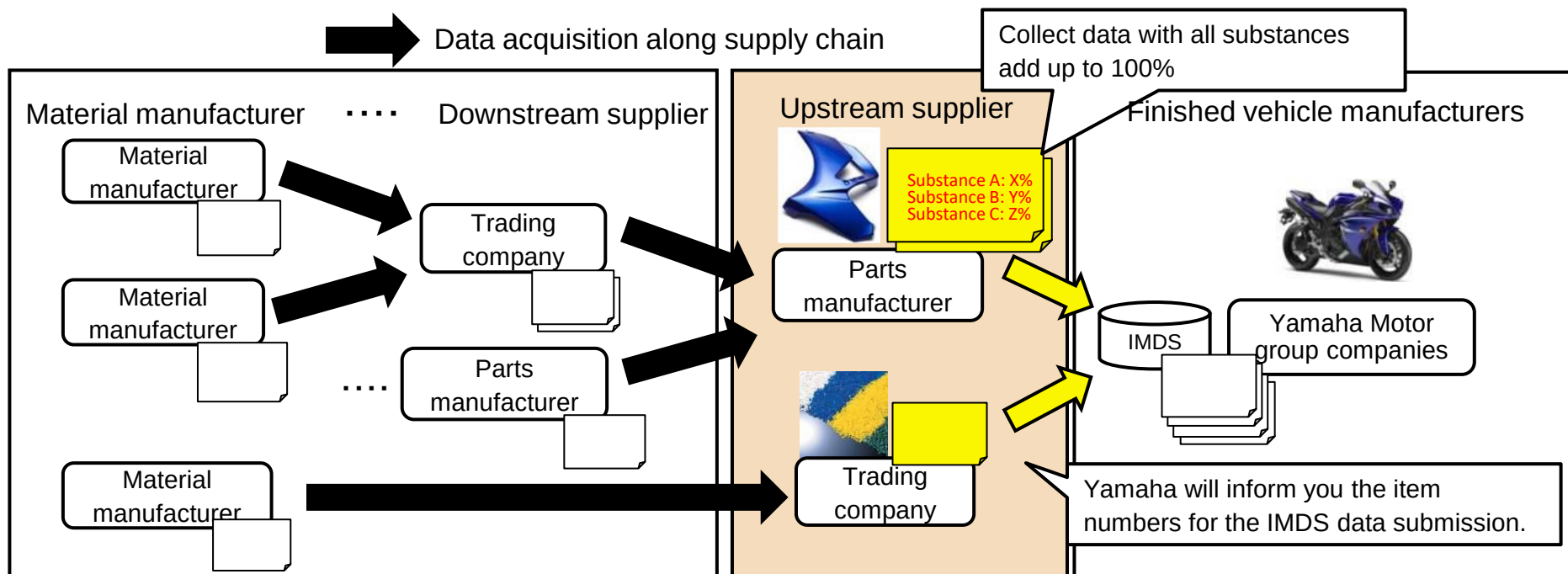
*1 Follow any specific instructions from our requesting departments.

*2 IMDS (International Material Data System): A global standard online tool for substance declaration in the automotive industry

Acquire substance data and submit it to Yamaha



- Acquire substance data (IMDS data or data based on them¹) of items as components of Yamaha products beforehand in accordance with our Quality Assurance Manual for Purchased Products.
- Yamaha will inform supplier the Item Numbers for the IMDS submission. However, if the 10th digit in revision serial number was updated due to material change, submit new IMDS data in accordance with our Quality Assurance Manual for Purchased Products, whether Yamaha contacts the supplier or not.



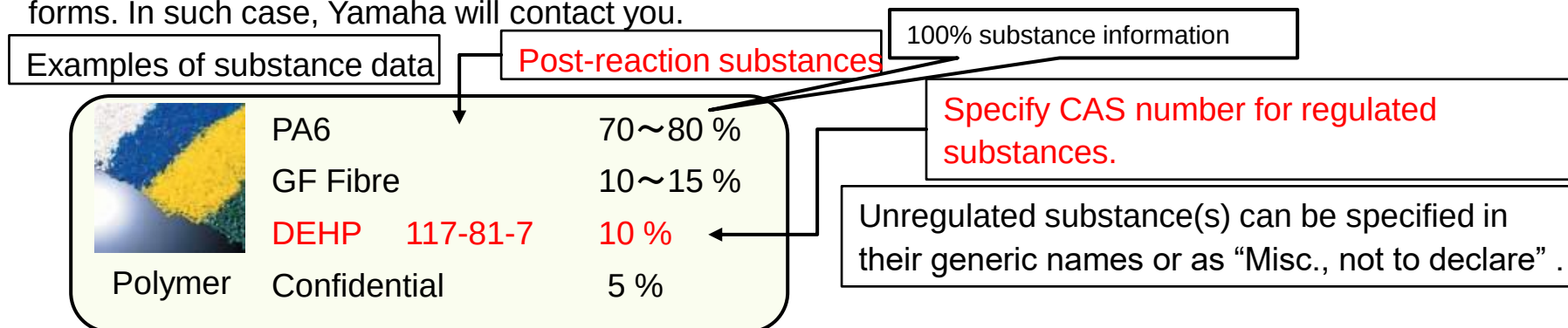
*1 The IMDS data contains 100% of the substance information to prepare for future stricter regulations. Analysis is not required and the data declaration is in accordance with the supply chain. If your substance data has a different format with IMDS, create IMDS data based on it.

Important points when acquiring substance data



- If the substance data are not in IMDS format, request suppliers to submit data with portions of all substances add up to 100%. **SDS (Safety Data Sheet) may not include all substances. Make sure to request for data that contains all substance information.**
- **If acquiring data is difficult due to trade secret, request your suppliers to check the presence of regulated substances*1.**
 - **If regulated substances presents: Specify the correct identification numbers (CAS No.) and percentages.**
 - For unregulated substances: Specify the generic names and rough portions. (Substances with a portion of 10% or less may be specified as “Misc., not to declare” too)
- **Submit data of substances in their final state*2.**
 - Do not include any substances that do not remain in the products, such as solvents and thinner contained in paint material.
 - Specify reactive materials in their post-reaction forms (adhesive after it has hardened or coating film after it has formed).

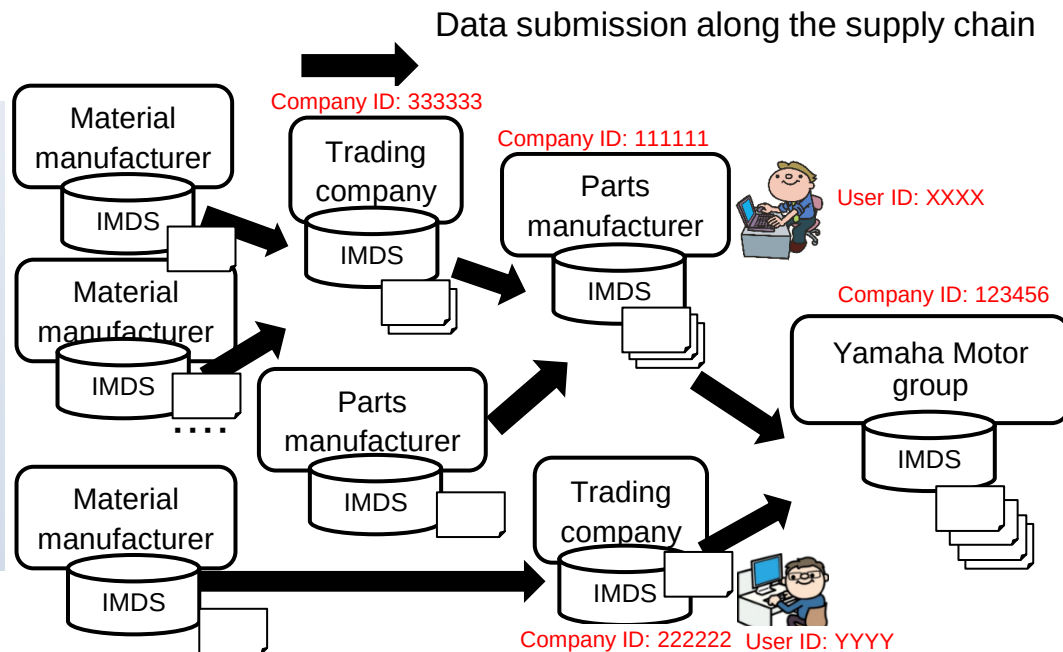
Depending on the shipping conditions, Yamaha may need you to register data of solvents or pre-reaction forms. In such case, Yamaha will contact you.



- *1 Refer to GADSL (Global Automotive Declarable Substance List) to check whether a substance is regulated. GADSL is available at <http://www.gadsl.org/>. As for details, refer to [\(Supplement II-3\) Check Presence of Declarable Substances](#) and Rule 3.2.1.D of Basic Rules concerning MDS Revisions in IMDS General Rules and Guidelines.
- *2 Substances that remain in the materials of final products (adhesive in its hardened form, paint coating, evaporative solvents, etc., are excluded). For details, refer to Rule 4.4.1.B in IMDS General Rules and Guidelines (IMDS 001).

- IMDS ^{*1} is a common internet-based system.
- To start using the system, you must complete Company Registration^{*2} to obtain a Company ID (as recipient information) and login User ID^{*3}. (It is an online registration and your ID will be issued immediately)
- As a basic rule, all companies in the supply chain use IMDS and provide data along the chain. ^{*4}

IMDS: <http://www.mdsystem.com/>



- ^{*1} IMDS (International Material Data System) : A global data submission system established and used by automotive industries.
- ^{*2} Each company can only register once. If other division in your company has registered, you do not need to register again. To check your company's registration status, contact [IMDS service center](#).
- ^{*3} The person who registered your company becomes an Administrator and can register additional users.
- ^{*4} If your material suppliers cannot use IMDS, acquire the data and create IMDS data based on it.

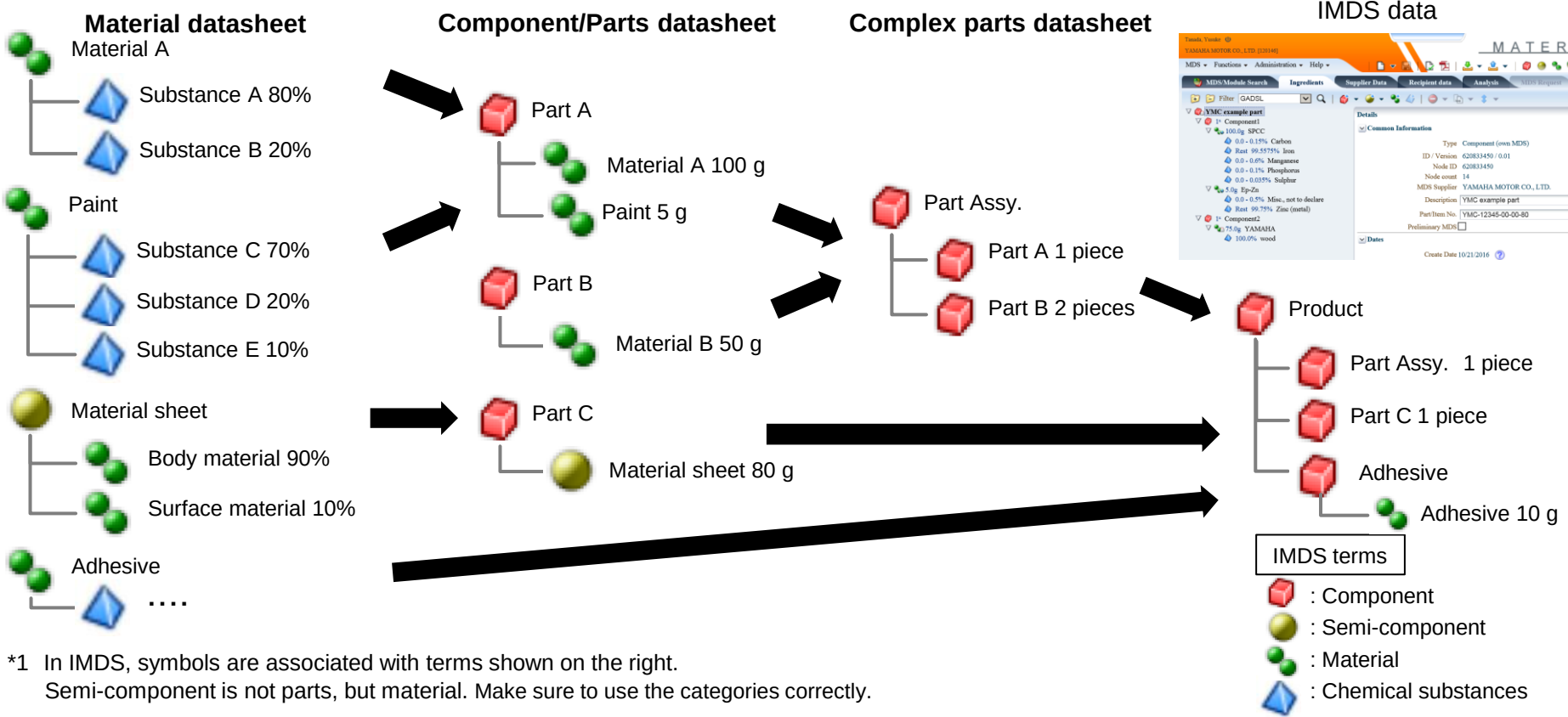
Data are prepared separately for every material and part and each data are referred as datasheet.

IMDS uses symbols and terms as follows*1:

Red () for parts, green () for material, yellow () for semi-component, and blue () for substance.

- Material datasheet describes component substances and their portions and is provided by material manufacturers.
- Component datasheet describes component materials and their portions and is provided by processing manufacturer.
- Complex parts datasheet describes component parts, their quantities, and auxiliary materials used in assembly.

Data creation and submission along the supply chain



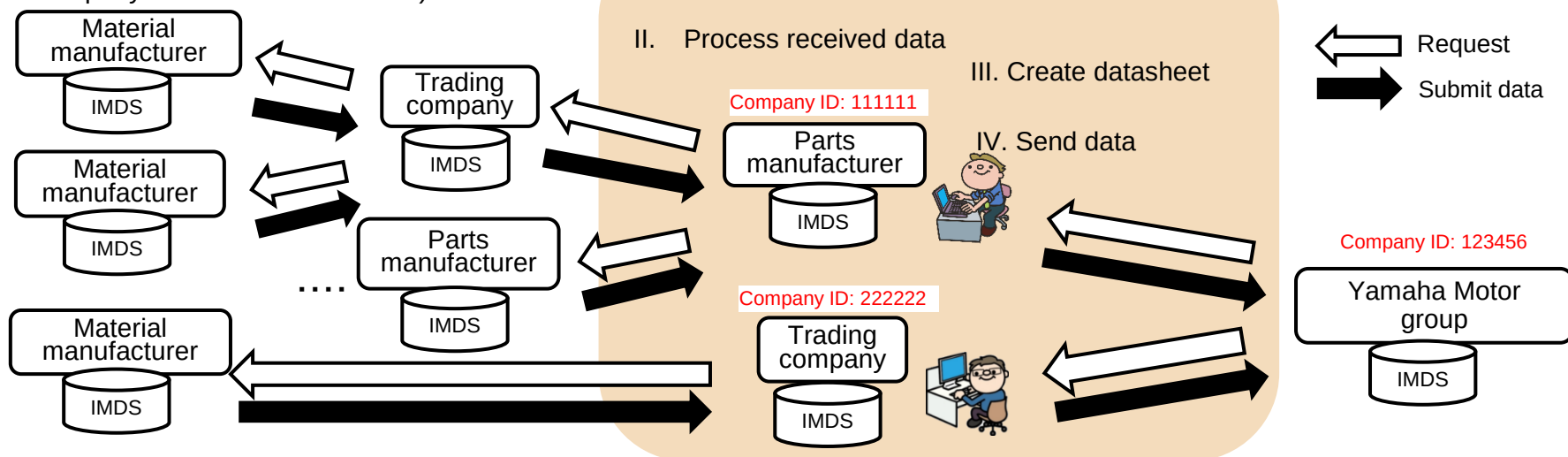
*1 In IMDS, symbols are associated with terms shown on the right. Semi-component is not parts, but material. Make sure to use the categories correctly.

Workflow in IMDS data submission



- I. First, check the component parts and materials of the items ^{*1} and the availability of substance data in IMDS ^{*2}. If it is not available, ask your suppliers to submit them. ^{*3}
- Material and part manufacturers create datasheets of material and parts, respectively, and submit them to their clients. (Trading company forward the data ^{*4})
- II. After receiving the data, check the contents and accept or request for revisions ^{*5}
- III. Create data for Yamaha Motor group based on the collected datasheets.
- IV. Send the datasheets

- Create and submit datasheets (trading company forwards the datasheet)



*1 Make a thorough check, including on surface coating or auxiliary materials for assembly.

*2 You can use IMDS standard material datasheet for materials containing substances regulated by common industrial standard.

*3 Make sure to specify your "Company ID" as recipient when requesting IMDS data submission.

*4 Trading company can act in the middle by asking the material manufacturers to directly send the IMDS data to the clients. However, the trading company should get the data too and understand the substance information in case there are inquiries from the clients.

*5 If your material manufacturer cannot use IMDS, acquire the substance lists in Excel or PDF and create the IMDS datasheet in the manufacturer's behalf.

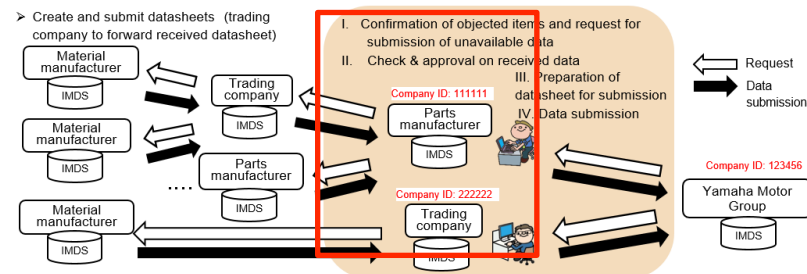
【IMPORTANT】 Check received IMDS data



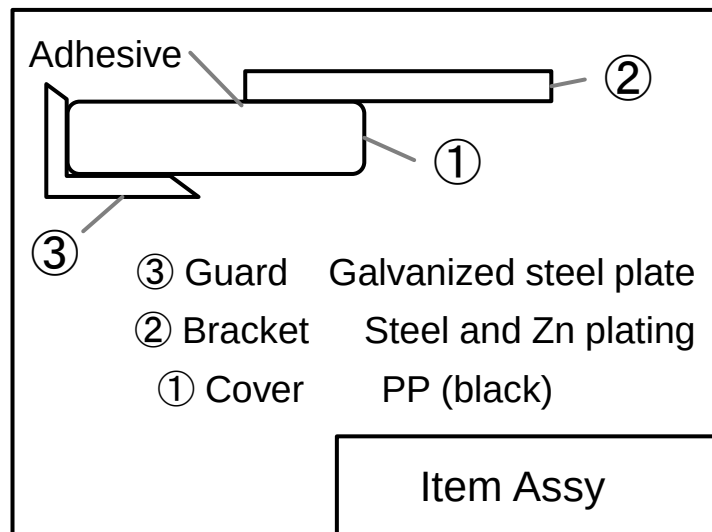
After receiving data, make sure **there is no missing information** in the data based on the drawings or material specifications

- Do the data contain all the component parts*1?
- Do the data contain all surface coatings or auxiliary materials for assembly?
- Do they comply with the material specification? (Are all additives included in the data?)

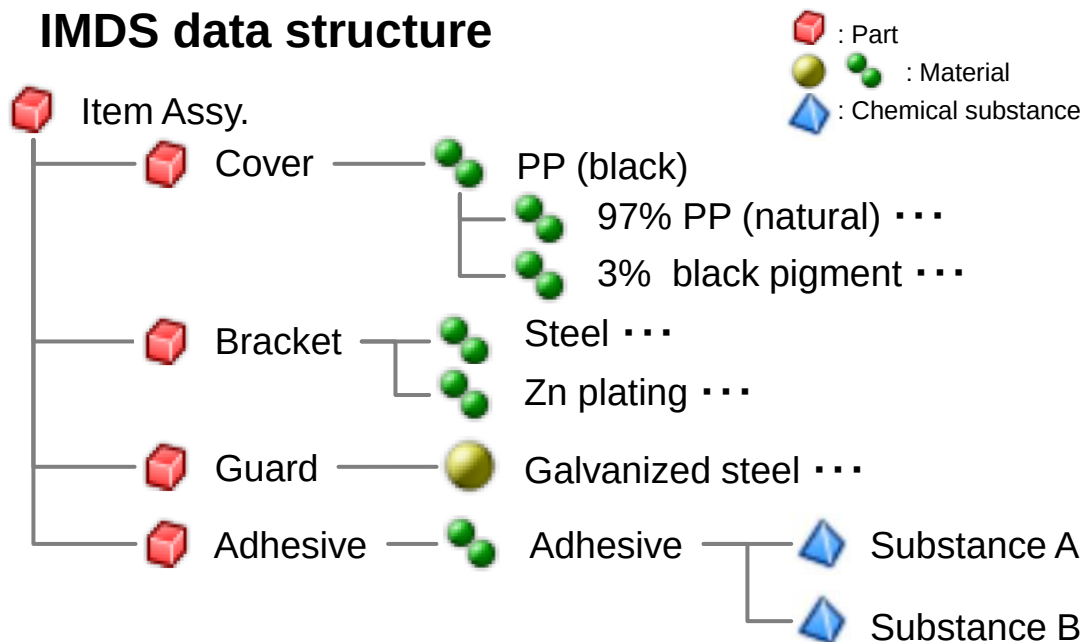
Also, make sure that IMDS data structure and ID management are correct as shown on the next pages.



Example: drawing



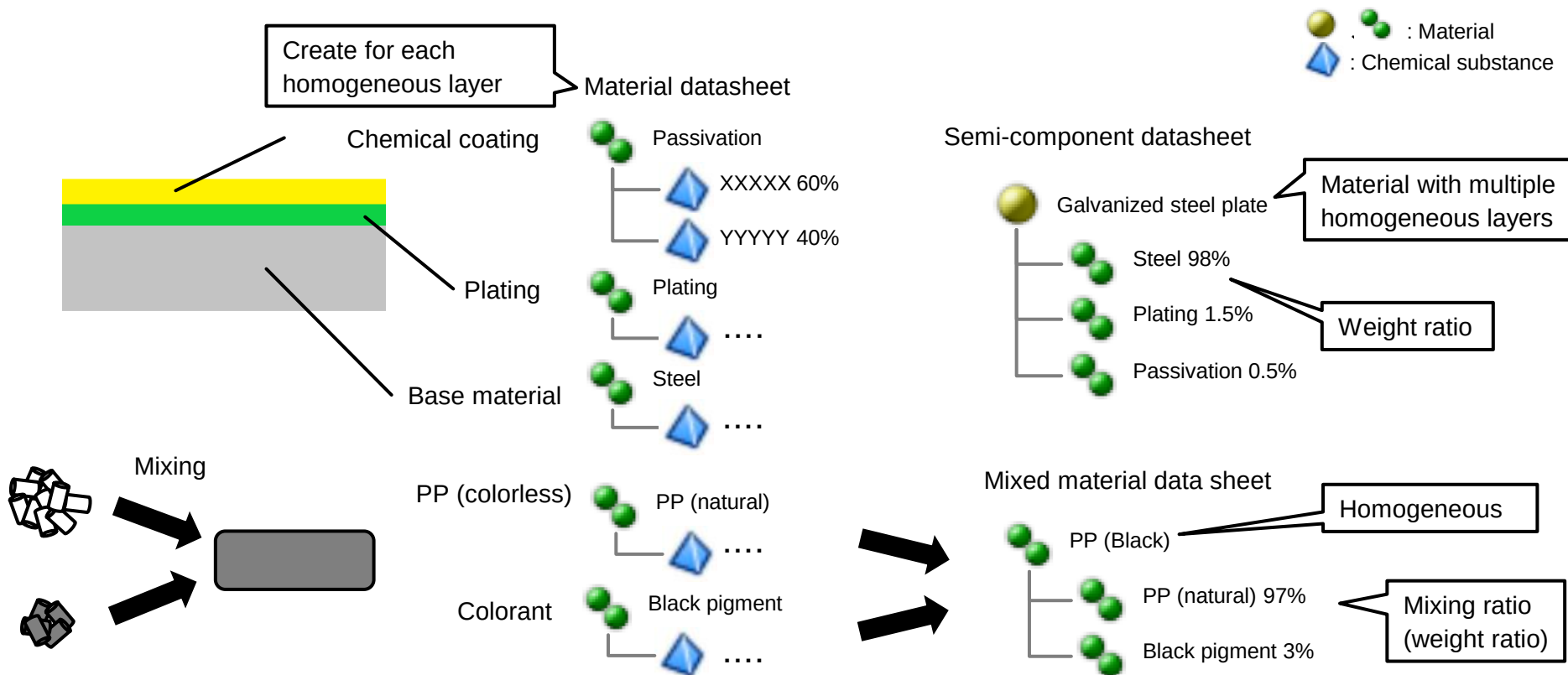
IMDS data structure



Important points when creating material datasheet

Thresholds for many regulated substances are specified for their portions in homogeneous materials.

- **Make sure to create material datasheet separately for each homogeneous layer.** *1
- Material with two or more homogeneous layers must be specified as semi-component.*2
- For materials with two or more mixed materials, create new material datasheet and specify the mixing ratio.



*1. Registering substance data of different layers in one datasheet will cause the portion of each substance to be lower than the actual portion. Such case may cause a non-compliance to be misjudged as compliance. Do not register such datasheet.

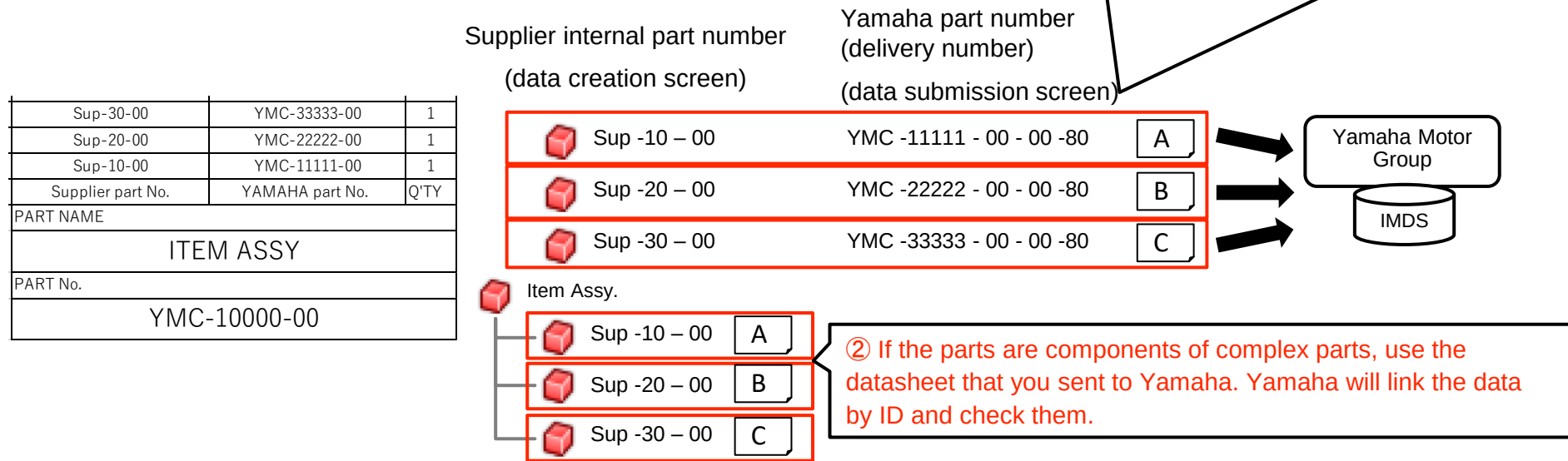
*2. Semi-component is an item whose form has not been finalized yet and needs to be further processed into final products.

Assign Part Number



- If the item is specified with Yamaha part numbers in parts list in the drawing, enter Yamaha part number in the part number field of the applicable IMDS datasheet. Make sure that the Yamaha part number is the delivery number used in the transaction with Yamaha.*1
- If you want to enter your company's control number in the IMDS Part Number field for your internal management, follow this procedure:
 - ① When you create an IMDS datasheet, enter your control's Part Number. When you send the data, enter the Yamaha Part Number. Send data for each part separately.
 - ② If the parts are components of complex parts, use the same component part data (same ID and version) that you sent to Yamaha.*3

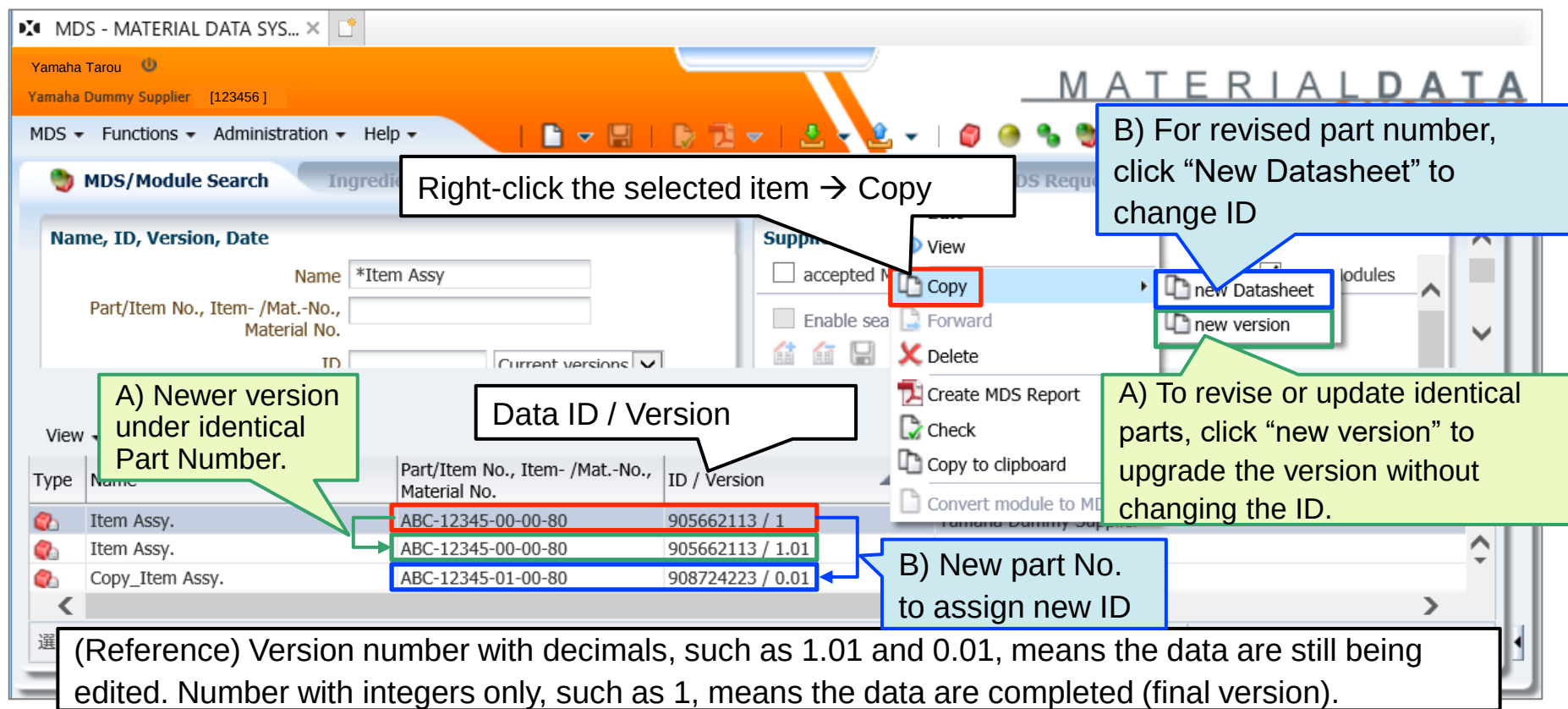
① After creating the datasheet using your control's part number, you can enter the Yamaha item number when sending the datasheet. Make sure to **send the datasheet for each part individually**.



*1 For items without any actual delivery status as an individual part, follow the instructions of the requester .
*2 When forwarding datasheet from your supplier to Yamaha, specify Yamaha parts numbers in the forwarding sheet.
3 In case of 2, use the original datasheets from your supplier for components of complex parts.

In IMDS, each datasheet has a unique identification number (ID). **Do not create multiple datasheets for identical parts.**

- A) To revise and update data with identical parts number, upgrade the version number, but do not change the ID.
- B) However, if the parts number is changed due to drawing revision, create “New Datasheet” and change the ID.



The screenshot shows the MDS - MATERIAL DATA SYSTEM interface. A table lists parts with their IDs and versions. Annotations provide instructions on how to manage these versions.

Type	Name	Part/Item No., Item- /Mat.-No., Material No.	ID / Version
Item Assy.		ABC-12345-00-00-80	905662113 / 1
Item Assy.		ABC-12345-00-00-80	905662113 / 1.01
Copy_Item Assy.		ABC-12345-01-00-80	908724223 / 0.01

Annotations:

- Right-click the selected item → Copy**: Points to the 'Copy' option in the context menu.
- B) For revised part number, click “New Datasheet” to change ID**: Points to the 'new Datasheet' option in the context menu.
- A) To revise or update identical parts, click “new version” to upgrade the version without changing the ID.**: Points to the 'new version' option in the context menu.
- A) Newer version under identical Part Number.**: Points to the row with ID 905662113 / 1.01.
- B) New part No. to assign new ID**: Points to the row with ID 908724223 / 0.01.
- Data ID / Version**: Points to the 'ID / Version' column header.

(Reference) Version number with decimals, such as 1.01 and 0.01, means the data are still being edited. Number with integers only, such as 1, means the data are completed (final version).

Workflow in data submission

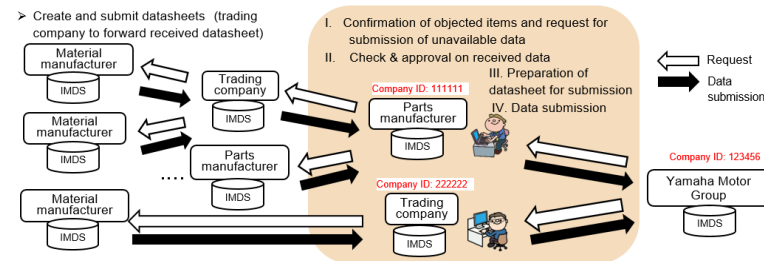
Workflow in IMDS data submission



Preparation:
IMDS company registration

Create data

Make IMDS datasheet and send it in accordance with the flow described in this page.



I.

Are component parts and material data available?^{*1}
(except parts and material from Yamaha)

Yes

^{*1} **Subsidiary materials indicated in the drawing (e.g. grease, adhesive, sealant, and paint mark) are included.**

Material regulated in common industrial standards may use standard material sheet in IMDS too.

No

I. Request your suppliers to submit their data to IMDS

II.

Have you received IMDS datasheet(s)?

Yes

II a. Process received IMDS Data

No

Acquire the substance list ^{*2}

II b. Create material datasheet^{*3}

II c. ☆ Create data for materials from Yamaha

III.

III a. Create parts datasheet^{*3}

III b. ☆ Create data for parts from Yamaha

III d. ☆ For assembly number

Wait until the recipient finished checking^{*4}

III c. Create complex part datasheet

Data are under process by the recipient

IV.

IV a. ☆ Send data

For trading company
IV b. Forward data

Has the data been accepted?

Rejected

IV c. Data revision

Approved

Submission is completed!

^{*2} SDS (Safety Data Sheet) may not describe all containing substances. Make sure to request your suppliers to report all substances.

If they do not provide the whole data because of trade secret, refer to [\(Supplement II-3\) Check Presence of "GADSL Substances"](#).

^{*3} Refer to the official IMDS User Manual (English) too to create a datasheet.
[\(IMDS Information Page → New to IMDS? → Create an MDS\)](#)

^{*4} Recipient will normally finish processing the data within a week after submission.

Preparation: Company registration to IMDS



To start using IMDS, you have to register your company.

To register, refer to “attached file” on IMDS Information Page → Help → Tutorials

<https://public.mdssystem.com/web/imds-public-pages/tutorials>

The screenshot shows the IMDS Information Pages website. A red box highlights the "IMDS Information Pages" link in the top navigation bar. A callout points to this link with the text "IMDS Information Page". Another red box highlights the "Tutorials" link in the right-hand navigation menu, with a callout pointing to it that says "Help → Tutorials". A third red box highlights the "attached file" link in the main content area, with a callout pointing to it that says "Refer to the 'attached file' for the company registration procedure". The main content area also displays "TUTORIALS ON IMDS FUNCTIONS" and "Before Registering your Company".

*Company Registration is required only once per company. You do not have to register again if other division in your company have registered.

*Suppliers can register at and use IMDS for free.

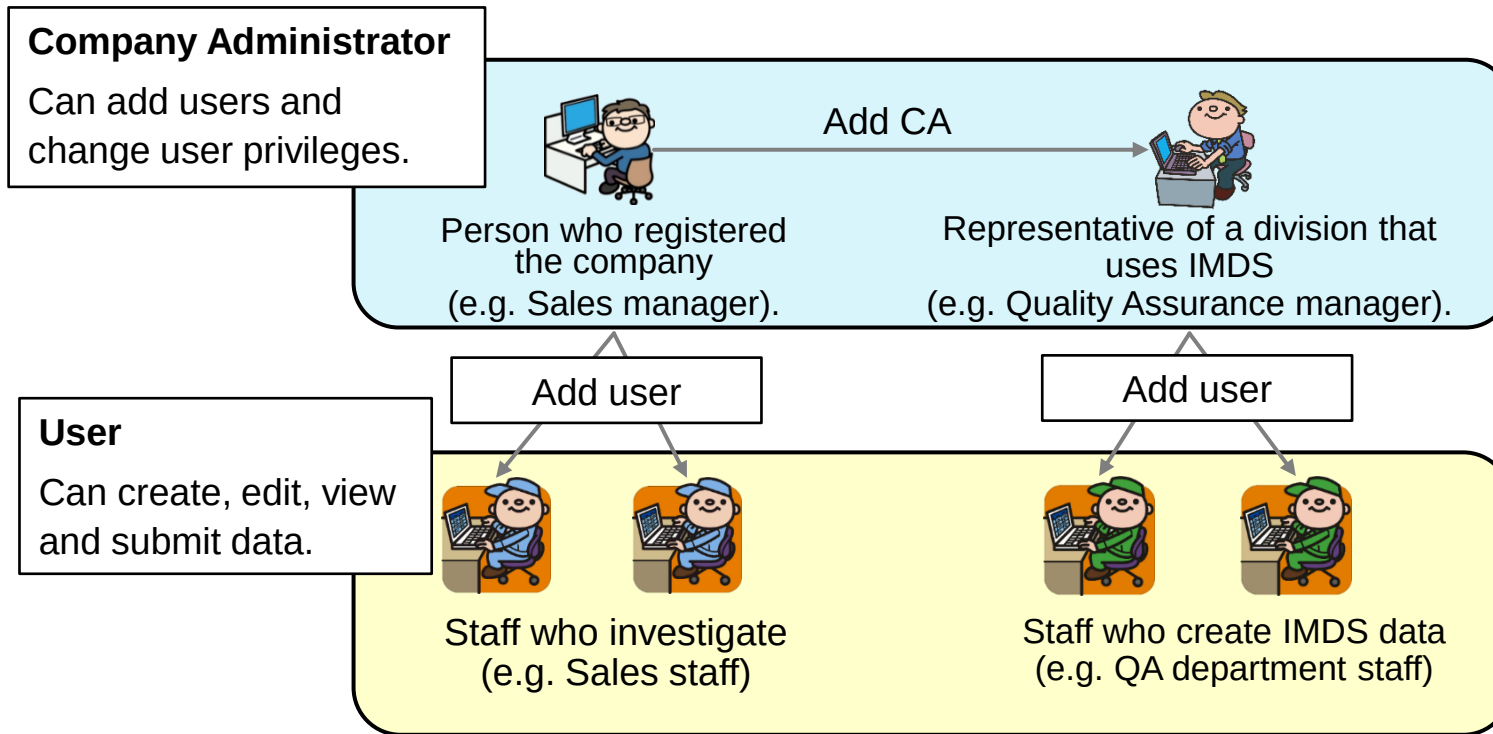
*Make a note and do not forget the “Company ID” and “User ID”.

Company ID:

User ID:

The person who registered the company becomes the Company Administrator and is responsible for adding IMDS users for your company^{*1}.

- Company Administrator: Authorized for all actions (multiple Administrators is recommended)
- User: Allowed to create and submit data



^{*1} To add users, refer to “Company Administrator Functions” linked from IMDS FAQ ["User Accounts \(IDs\)"](#).

Preparation: Company Registration – Login to IMDS



After completing company and user registrations, try login to IMDS with your User ID.

- Access IMDS (Link to IMDS: <http://www.mdsystem.com/>)
- Click “Login” on IMDS start page
- Click “Login” on IMDS login page and enter your User ID and password

The screenshot shows the IMDS website interface. A callout box points to the 'Login' link in the top navigation bar. Another callout points to the 'Login' button on the login page, which is accompanied by a 'Language' dropdown menu set to 'English'. A third callout points to the 'Request new password' link, which is part of a list that also includes 'User ID forgotten'. A fourth callout points to the 'Register now!' button on the right side of the page, which is part of a section titled 'New to REACH in the automotive industry?'. The page also features a banner for the '2025 IMDS, Product Compliance & Sustainability Conference' by AIAG, scheduled for October 8-10, and a 'NEWS' section at the bottom.

Click “Login”

Click “Login” then enter your User ID and password

If you forget the password, click “Request new password”

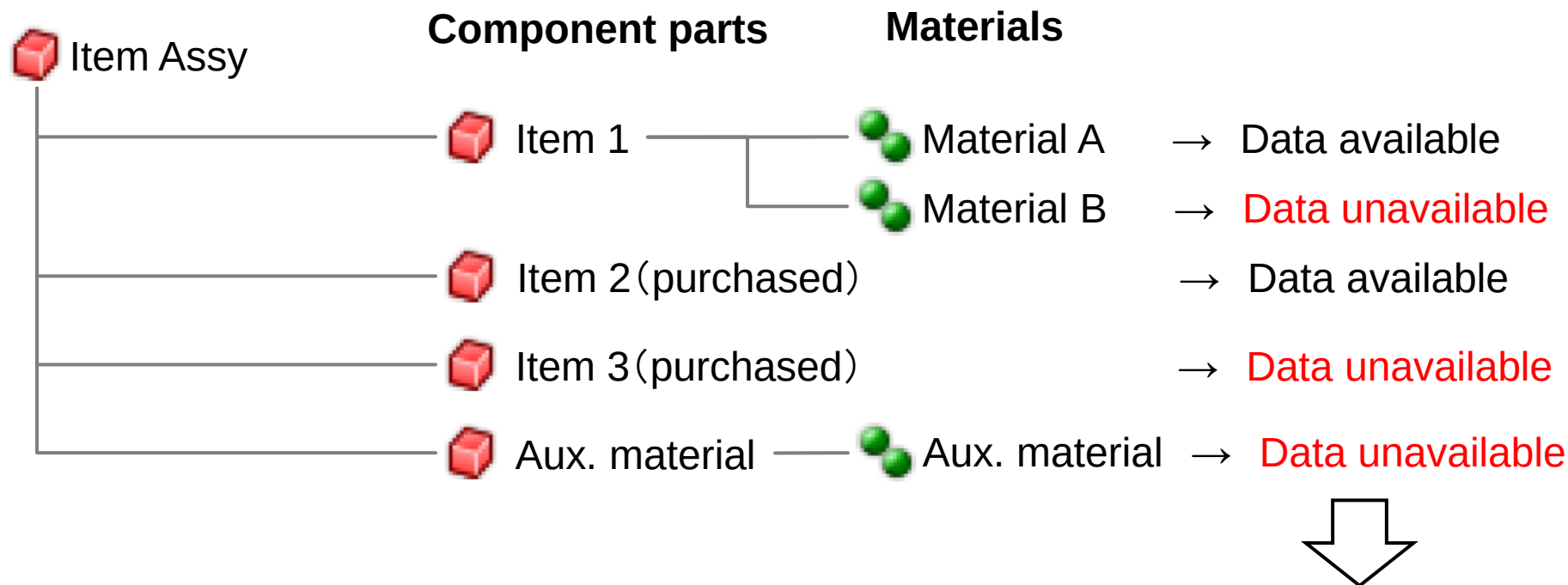


I. Request your suppliers to submit data



When creating IMDS datasheet, first, check component parts and materials ^{*1} of items subject to submission and whether their data are already available^{*2}. **Disassemble component parts and materials to purchase units.**

If some data are unavailable, request your suppliers to submit.



For items with no data, request your suppliers to submit the IMDS datasheet.

*1 Make a thorough check, including for surface coating or subsidiary materials for assembly.

*2 IMDS standard material datasheet can be used for substances specified in common industrial standards.

I. Request your suppliers to submit data



When you request your suppliers to submit their data, provide your IMDS Company ID and the part numbers or material codes, which are necessary for the submission.

***Inform them of your IMDS Company ID as “Recipient ID”.^{*1}**

(Reference) Example of e-mail for your suppliers

Subject: Request of material data submission to IMDS

Please submit IMDS datasheet for the following parts (or materials).

If your company cannot use IMDS, please provide a list containing all substances.

*Since SDS (Safety Data Sheet or former MSDS) do not contain all substances, please do not use it as a substitute.

Part Number/Material Code: ABCDE

Recipient's Company ID : 123456

Due date: X/X/20XX



Your IMDS Company ID is indicated at the top left corner of the IMDS main page after login.
Inform your supplier of your company ID when you request them to submit to IMDS.

^{*1} If you are a trading company and asking your material manufacturers to directly send the data to your customer, inform of your customers' company ID. Ask the manufacturers to use part numbers and supplier codes assigned by the customers. Also, inform your customers that they will get the data directly from the manufacturers.

IMDS Data submission request from Yamaha Motor Group



Yamaha will specify Part Numbers and Supplier Codes when requesting for IMDS data submission. However, in case of Revision Serial Number due to material change, submit the IMDS data in accordance with YAMAHA “Global Quality Assurance Manual for Purchased Products” whether we contact you or not .

Example of IMDS data request from Yamaha

For system-generated correspondence^{*1}

- Sender: SoC-System@yamaha-motor.co.jp
- Subject: Request for IMDS Submission

YMC_YMDS.YMC.MC | Yamaha Tarou

[YMC/1234] Request of IMDS Submission

アイテム保持ポリシー 60 Day Delete (60 日)

IMDS Recipient Company ID: 123456

Supplier Code	Item No.	Item Name	Synonym	Due Date
1111	ABC-11111-00-00-80	Item 1		2018-12-01
2222	ABC-22222-00-00-80	Item 2		2018-12-01
3333	ABC-33333-00	Item 3		2018-12-14
4444	ABC-44444-00	Item 4		2018-12-14

Thank you for your continued support for our material survey.
This is the request of IMDS data submission from YAMAHA Motor Group.
Please provide and send the IMDS Datasheet based on the list mentioned above by due date.

ID of IMDS data recipient

* Each Yamaha Group company has a unique ID. Make sure the recipient ID is correct.

Items^{*2} will be described in the mail body or in the attached file.

Note: If items are described in the mail body, you can copy and paste on an Excel sheet to make a table (use text string as cell format).

- *1 If your company's email address is changed, inform us by submitting “Application form for IMDS submission.xlsx”. You can get this form from our purchasing division.
- *2 Part structure is not described. Create data in accordance with the actual product structure. For details regarding structure, inquire to the contact address indicated in the email.

Back to flow chart

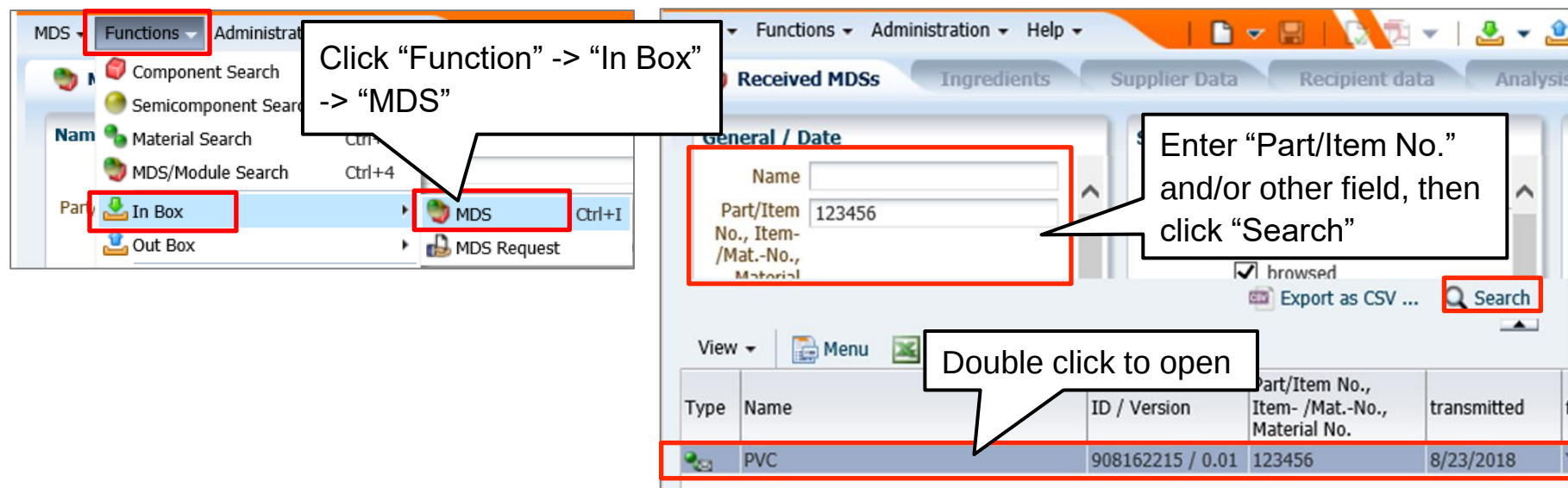


After you received IMDS datasheet from your suppliers, process the data according to the procedure described in this section.

Note: IMDS can send you a notification email upon data acceptance. The setting method is described in “[Notification from IMDS](#)” in the references of this document.

***Always check the content of the received data (refer to [Incoming IMDS Data Check](#))**

- Login to IMDS, click “Function” on the top left screen, select “In Box” and “MDS”.
- Enter “Part/Item No.” and/or other fields, click “Search”, and double-click to open datasheet



The screenshot illustrates the steps to process received IMDS data. On the left, a callout box points to the 'Functions' menu, 'In Box' sub-menu, and 'MDS' option. On the right, a callout box points to the 'Part/Item No.' field where '123456' is entered, and another points to the 'Search' button. A third callout box points to the first row of the results table, indicating it should be double-clicked to open.

Click “Function” -> “In Box” -> “MDS”

Enter “Part/Item No.” and/or other field, then click “Search”

Double click to open

Type	Name	ID / Version	Part/Item No., Item- /Mat.-No., Material No.	transmitted
PVC		908162215 / 0.01	123456	8/23/2018

II a. Process Received IMDS Datasheet

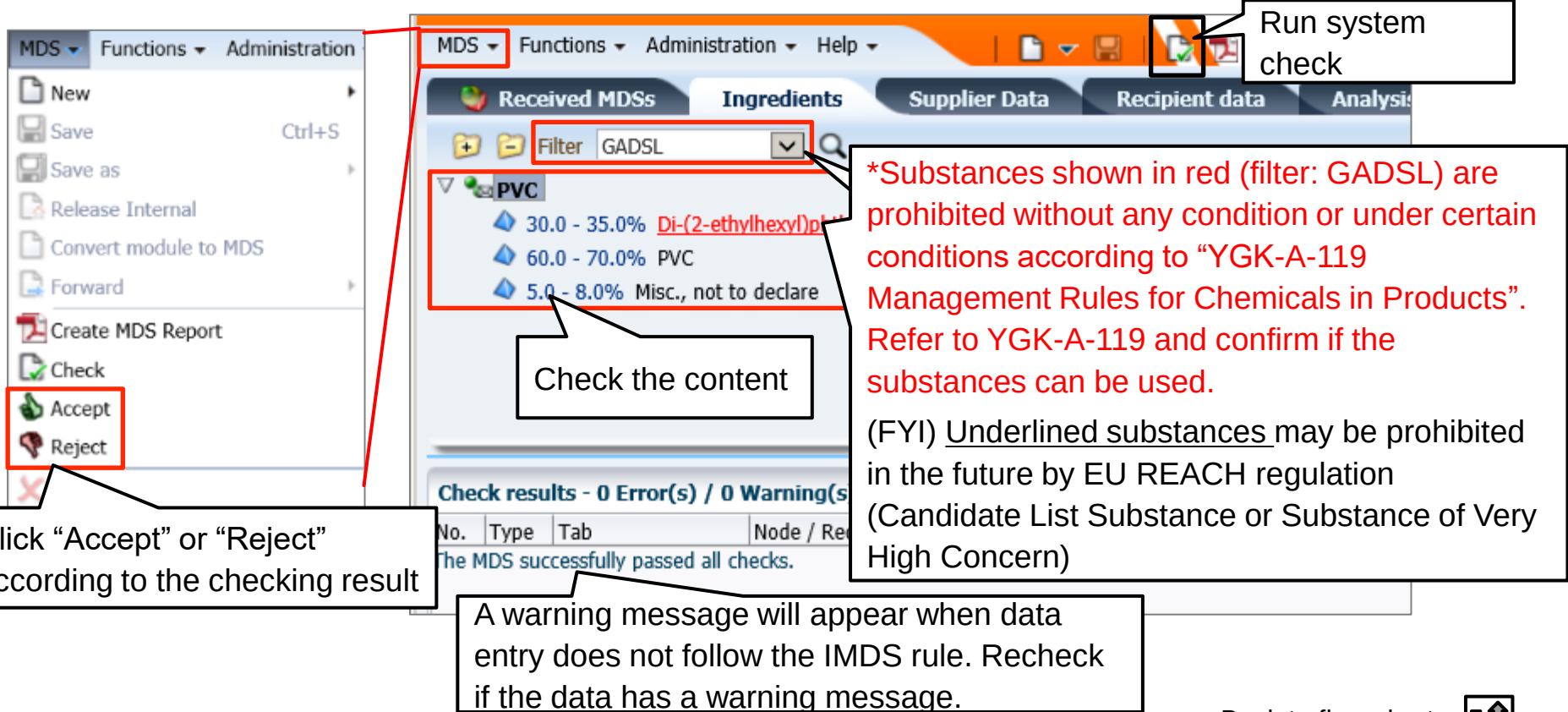
Check the data contents. Use system check for reference.

- Click  button to run system check

→ If warning message appears, check the content.

Refer to the “[IMDS Warning Message](#)” in the references at the end of this document.

- Click “MDS” and click “Accept” or “Reject” according to the check result



The screenshot shows the IMDS software interface. The left sidebar contains a menu with options: New, Save, Save as, Release Internal, Convert module to MDS, Forward, Create MDS Report, Check, Accept, and Reject. The main window displays the 'MDS' tab with a 'Filter' dropdown set to 'GADSL'. Below the filter, a list of substances is shown, with some entries highlighted in red. A callout box points to the 'Check' button in the sidebar, stating 'Click "Accept" or "Reject" according to the checking result'. Another callout box points to the 'Run system check' button in the top right, stating 'Run system check'. A third callout box points to the red-highlighted substances, stating '*Substances shown in red (filter: GADSL) are prohibited without any condition or under certain conditions according to "YGK-A-119 Management Rules for Chemicals in Products". Refer to YGK-A-119 and confirm if the substances can be used. (FYI) Underlined substances may be prohibited in the future by EU REACH regulation (Candidate List Substance or Substance of Very High Concern)'. A fourth callout box points to the 'Check the content' button, stating 'Check the content'. A fifth callout box points to the 'Check results' section, stating 'A warning message will appear when data entry does not follow the IMDS rule. Recheck if the data has a warning message.'.

Click “Accept” or “Reject” according to the checking result

Run system check

Check the content

*Substances shown in red (filter: GADSL) are prohibited without any condition or under certain conditions according to “YGK-A-119 Management Rules for Chemicals in Products”. Refer to YGK-A-119 and confirm if the substances can be used.
(FYI) Underlined substances may be prohibited in the future by EU REACH regulation (Candidate List Substance or Substance of Very High Concern)

Check results - 0 Error(s) / 0 Warning(s)
The MDS successfully passed all checks.

A warning message will appear when data entry does not follow the IMDS rule. Recheck if the data has a warning message.

II b. Create Material Datasheet

If you obtain substance data, but not in IMDS format (e.g. PDF, Excel), register the data to IMDS using procedure in this section.

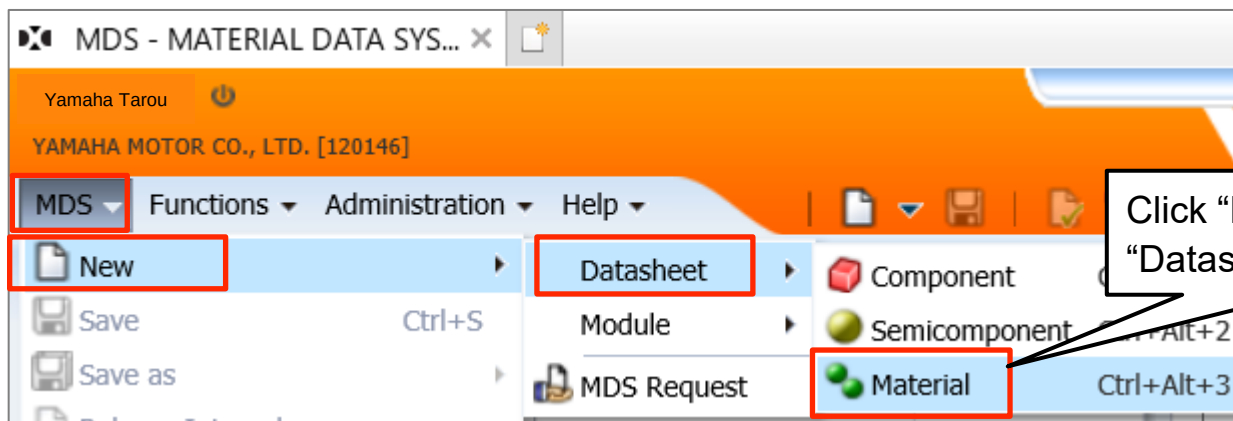
* **SDS (Safety Data Sheet, former MSDS) may not describe all the containing substances. Make sure to ask your supplier to report all substances.**

If they cannot provide a complete data because of the “trade secret”, refer to 「[\(Supplement II-3\) Check Presence of “GADSL Substances”](#)」

Example of material data

Substance Name	CAS No	Portion, %
DEHP	117-81-7	30-35
PVC	-	60-70
Misc., not to declare	-	5-8

- Login to IMDS and click IMDS “MDS” -> “New” -> “Datasheet” -> “Material”



*For composite material (Semi-Component) and mixed material (polymeric parts), refer to “[\(Supplement II-1\) Data Preparation for composite material](#)” and [\(Supplement II-2\) Data Preparation for Mixed Material](#)”, respectively.

II b. Create material datasheet

- Select the material “Classification” *¹ from the list and click “Apply”
- For plastic and elastomer (rubber) materials, select the code*² and click “OK”

*³

MDS - MATERIAL DATA SYSTEM

Classification

Classification	Description
3.2	Copper alloys
3.3	Zinc alloys
3.4	Nickel alloys
3.5	Lead
4	Special metals
4.1	Platinum / rhodium
4.2	Other special metals
5	Polymer materials
5.1	Thermoplastics
5.1.a	filled Thermoplastics
5.1.b	unfilled Thermoplastics
5.2	Thermoplastic elastomers
5.3	Elastomers / elastomeric compounds
5.4	Duromers
5.4.1	Polyurethane

Select the material “Classification” and click “Apply”

Apply

MDS - MATERIAL DATA SYSTEM

Composition of the material symbol

The selected material classification permits using dropdown selections derived from the selected symbols/abbreviated terms suitable for the material.

Classification unfilled plastics

Basic polymers ISO 1043-1 PA6

Plasticizers ISO 1043-3 (optional) ☐

Flame retardants ISO 1043-4 (optional) ☐

Composed symbol PA6

It is also possible to adapt the symbol manually (lowest input field). This is necessary for materials with more than one filler (e. g. glassfibre GF and mineral powder MD).
Example: PA6-(GF15+MD10); here you can add “(...+MD10)” manually.

OK

Select the appropriate polymer code and click “OK”

- *¹ Refer to the recommendation “IMDS 001a” for the detail of the classification (After login to IMDS, click “Help” -> “Recommendation”)

Help

Online User Manual

“Help” -> “Recommendation”

Recommendation

MDS - MATERIAL DATA SYSTEM

Recommendation

Version Show latest versions 09/30/2025 Show

Initial Date	Last Modification	Number	Title	Date	Download
01/27/2003	06/21/2023	IMDS 001	General Structure	06/21/2023 -	001 [pdf] (English)
02/16/2010	05/19/2021	IMDS 001a	General Structure Annex I	05/19/2021 -	001a [pdf] (English)

Refer to the details of the classification is in IMDS 001a

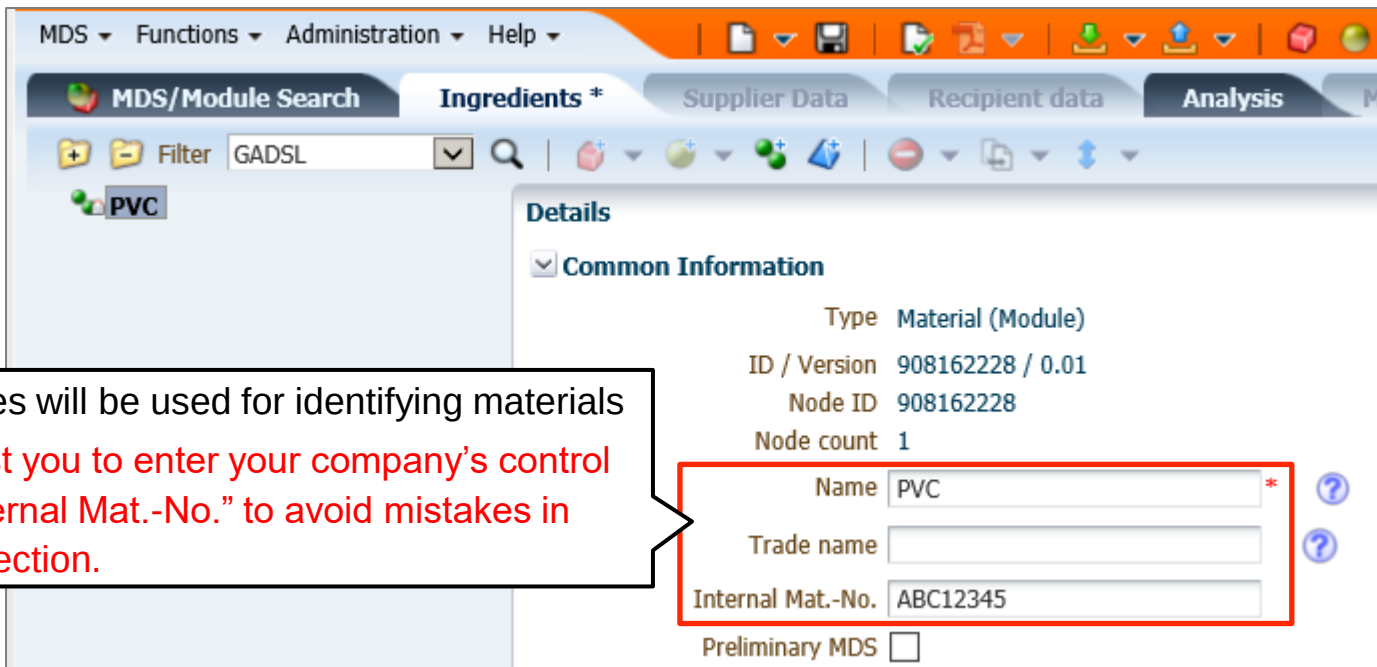
- *² For material codes of plastics and rubbers, refer to ISO1043 or JIS K 6899. If you are still unsure, inquire your material maker.
- *³ For materials with the classification of 5.x, the entry of recycle information is required in a material datasheet.

II b. Create material datasheet

- Enter the material “Name” (mandatory) , “Trade name” and “Internal Mat. No”.

*Specify these three fields appropriately.

*We suggest you to enter your company’s control code in “Internal Mat.-No.” to avoid mistakes in material selection.



MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients * Supplier Data Recipient data Analysis

Filter GADSL

PVC

Details

Common Information

Type Material (Module)

ID / Version 908162228 / 0.01

Node ID 908162228

Node count 1

Name PVC *

Trade name

Internal Mat.-No. ABC12345

Preliminary MDS ☐

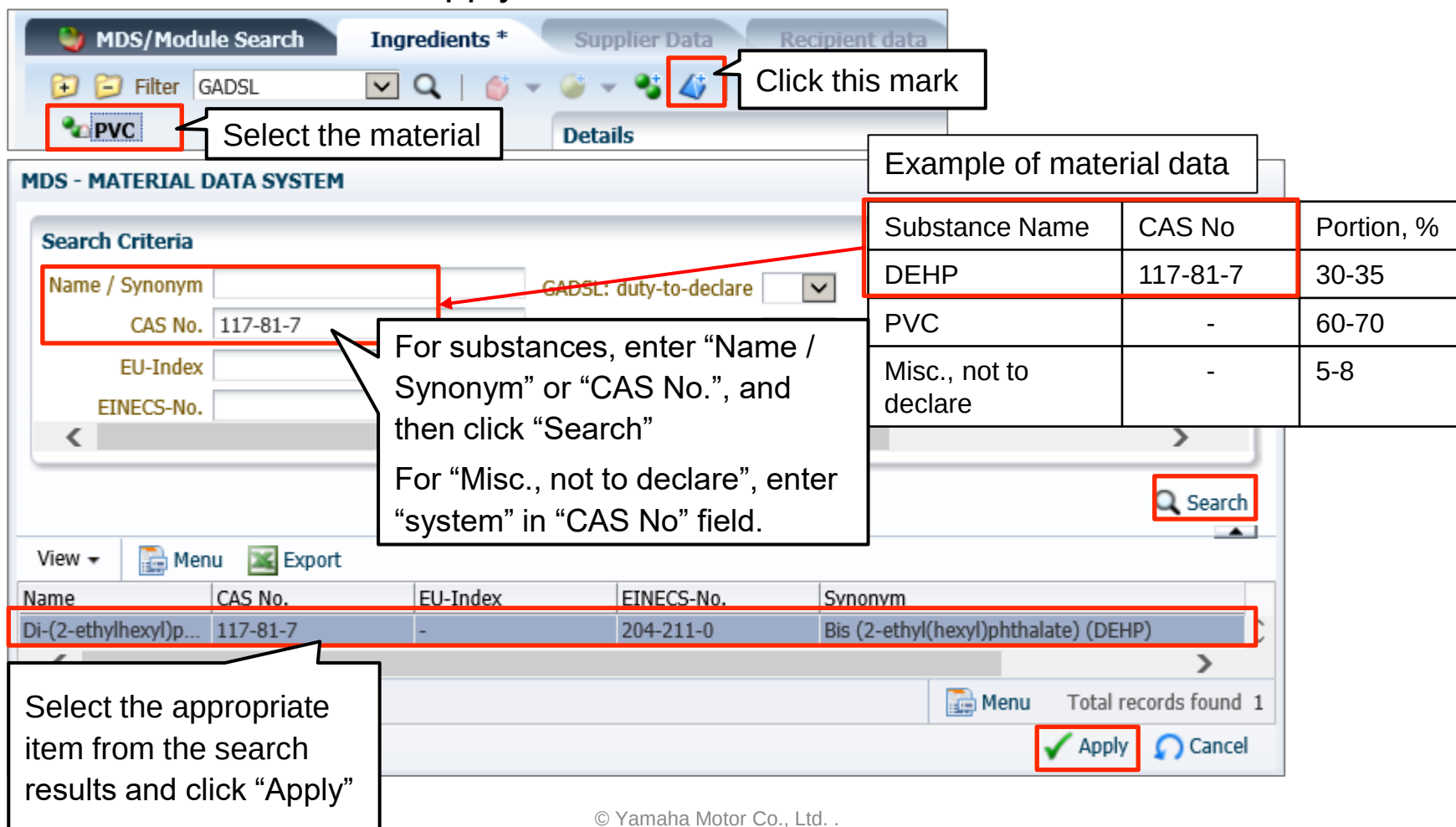
These entries will be used for identifying materials

*We suggest you to enter your company’s control code in “Internal Mat.-No.” to avoid mistakes in material selection.

II b. Create material datasheet

Add substance to the material datasheet.

- Confirm that the material has been selected and click  to add substance.
- In Search Criteria, enter “Name/Synonym” or “CAS No.”, select the appropriate substance, and click “Apply”.



The screenshot shows the MDS/Material Data System interface. At the top, there are tabs for 'Ingredients *', 'Supplier Data', and 'Recipient data'. Below these, there are icons for adding materials, a filter dropdown set to 'GADSL', and a search icon. A red box highlights the 'PVC' material icon, with a callout 'Select the material'. Another red box highlights the 'Add substance' icon (a blue cube with a plus sign), with a callout 'Click this mark'. The 'Search Criteria' section has fields for 'Name / Synonym', 'CAS No.' (with '117-81-7' entered), 'EU-Index', and 'EINECS-No.'. A callout points to the 'CAS No.' field with the text: 'For substances, enter “Name / Synonym” or “CAS No.”, and then click “Search”'. Another callout points to the 'CAS No.' field with the text: 'For “Misc., not to declare”, enter “system” in “CAS No” field.'. A red box highlights the 'Search' button. Below the search criteria, there is a table of search results. The first row is highlighted with a red box, and a callout points to it with the text: 'Select the appropriate item from the search results and click “Apply”'. The table has columns: Name, CAS No., EU-Index, EINECS-No., and Synonym. The first row contains: Di-(2-ethylhexyl)p..., 117-81-7, -, 204-211-0, Bis (2-ethyl(hexyl)phthalate) (DEHP). To the right of the search results, there is a table titled 'Example of material data'.

Substance Name	CAS No	Portion, %
DEHP	117-81-7	30-35
PVC	-	60-70
Misc., not to declare	-	5-8

At the bottom of the interface, there is a 'View' dropdown, 'Menu', and 'Export' buttons. A red box highlights the 'Apply' button (a green checkmark) and the 'Cancel' button (a blue circle with an X). The text 'Total records found 1' is also visible.

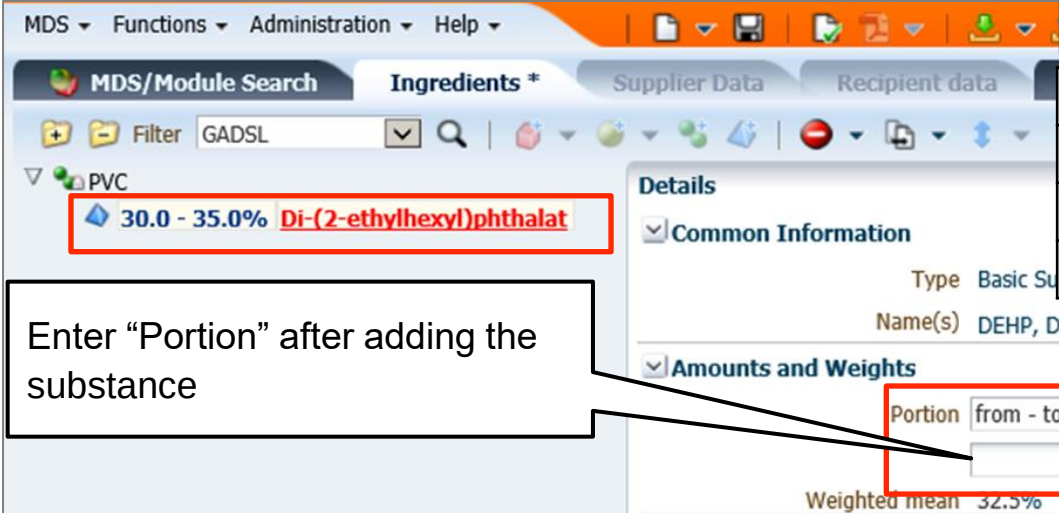
II b. Create material datasheet

- After adding the substance, enter “Portion”.

Repeat the procedure on the previous page to register all substances.

Example of material data

Substance Name	CAS No	Portion, %
DEHP	117-81-7	30-35
PVC	-	60-70
Others	-	5-8



Enter “Portion” after adding the substance



Repeat the procedure on the previous page to register all substances

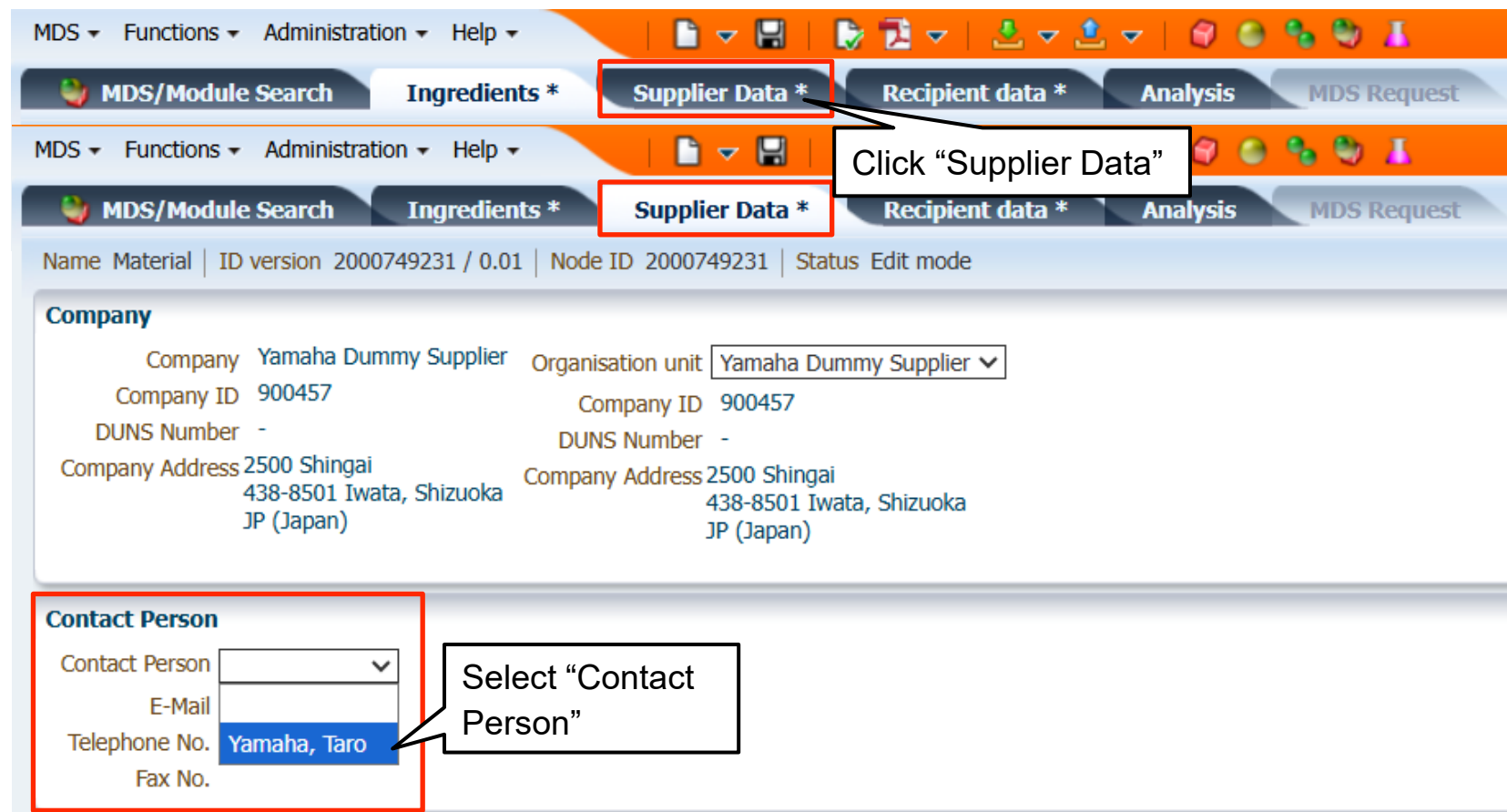
You can choose one of the following three methods to enter the portion.

- Range--- minimum to maximum values
- Fixed --- fixed value
- Rest ----- automatically calculated by subtracting the substance portion from 100%

II b. Create material datasheet

Next, describe information of person responsible for the datasheet (Contact Person).

- Click “Supplier Data”
- Select “Contact Person”^{*1}



The screenshot displays the IMDS software interface. At the top, there are navigation menus for 'MDS', 'Functions', 'Administration', and 'Help'. Below these are tabs for 'MDS/Module Search', 'Ingredients *', 'Supplier Data *', 'Recipient data *', 'Analysis', and 'MDS Request'. The 'Supplier Data *' tab is highlighted with a red box, and a callout bubble points to it with the text 'Click “Supplier Data”'. Below the tabs, there is a header bar with fields for 'Name Material', 'ID version 2000749231 / 0.01', 'Node ID 2000749231', and 'Status Edit mode'. The main content area is titled 'Company' and contains two columns of information. The left column shows 'Company Yamaha Dummy Supplier', 'Company ID 900457', 'DUNS Number -', and 'Company Address 2500 Shingai, 438-8501 Iwata, Shizuoka, JP (Japan)'. The right column shows 'Organisation unit Yamaha Dummy Supplier', 'Company ID 900457', 'DUNS Number -', and 'Company Address 2500 Shingai, 438-8501 Iwata, Shizuoka, JP (Japan)'. At the bottom, there is a section titled 'Contact Person' with a red border. It contains a dropdown menu for 'Contact Person', an 'E-Mail' field, a 'Telephone No.' field with the value 'Yamaha, Taro', and a 'Fax No.' field. A callout bubble points to the 'Contact Person' dropdown with the text 'Select “Contact Person”'.

^{*1} If “Contact Person” is not shown, request your Company Administrator to register (to add the person as “user”).
For details, refer to IMDS FAQ “[IMDS User Manual](#)” and check “CA Administrative Functions”.

II b. Create material datasheet

You have completed data creation. Save the data and run “Error Checking” function.

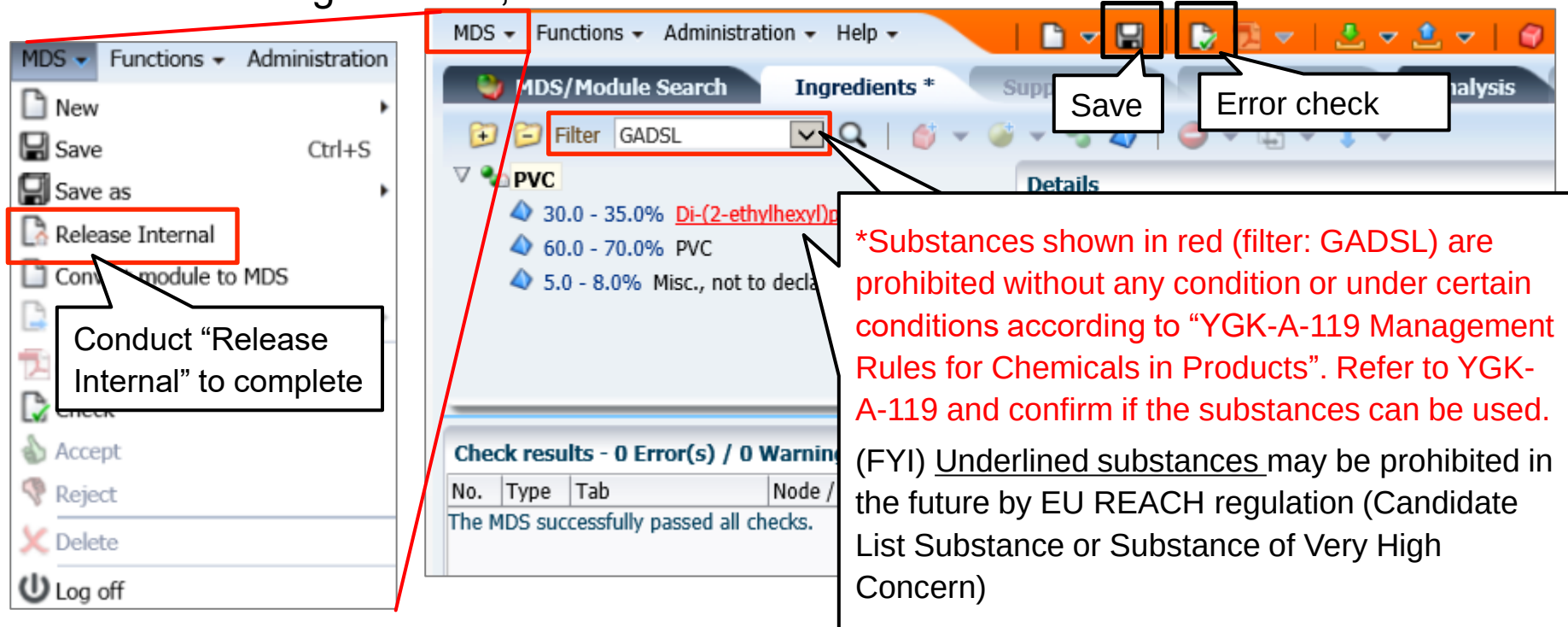
- Click  to temporarily save the data

- Click  to error-check the data

→ If error or warning message appears, correct or identify the errors.

Refer to the “[IMDS Warning Message](#)” in the references of this document.

- After correcting the error, click “MDS” → “Release Internal”



The screenshot shows the Yamaha MDS software interface. On the left, a menu is open with 'Release Internal' highlighted. A callout box points to this button with the text 'Conduct “Release Internal” to complete'. In the main window, the 'MDS/Module Search' section has a 'Filter' dropdown set to 'GADSL'. A list of substances is displayed, with 'Di-(2-ethylhexyl)' highlighted in red. A callout box points to this red text with the text: '*Substances shown in red (filter: GADSL) are prohibited without any condition or under certain conditions according to “YGK-A-119 Management Rules for Chemicals in Products”. Refer to YGK-A-119 and confirm if the substances can be used. (FYI) Underlined substances may be prohibited in the future by EU REACH regulation (Candidate List Substance or Substance of Very High Concern)'. In the top right corner, two buttons are highlighted with callouts: 'Save' and 'Error check'. At the bottom of the main window, a status bar reads 'Check results - 0 Error(s) / 0 Warning(s)' and 'The MDS successfully passed all checks.'

Conduct “Release Internal” to complete

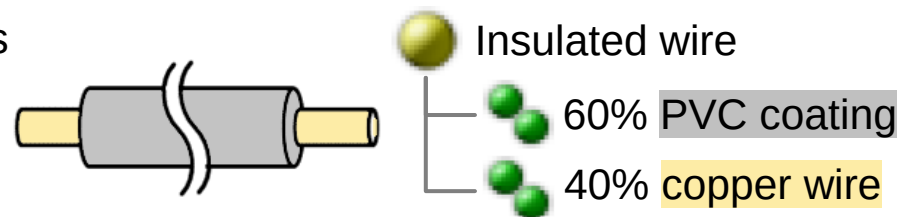
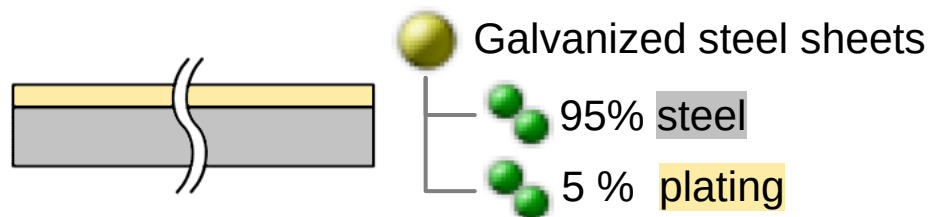
*Substances shown in red (filter: GADSL) are prohibited without any condition or under certain conditions according to “YGK-A-119 Management Rules for Chemicals in Products”. Refer to YGK-A-119 and confirm if the substances can be used. (FYI) Underlined substances may be prohibited in the future by EU REACH regulation (Candidate List Substance or Substance of Very High Concern)

(Supplement II-1) Create datasheet for composite material

To create “composite material” data, prepare separate datasheet for each material, and then prepare another datasheet for composite material according to the following procedure.

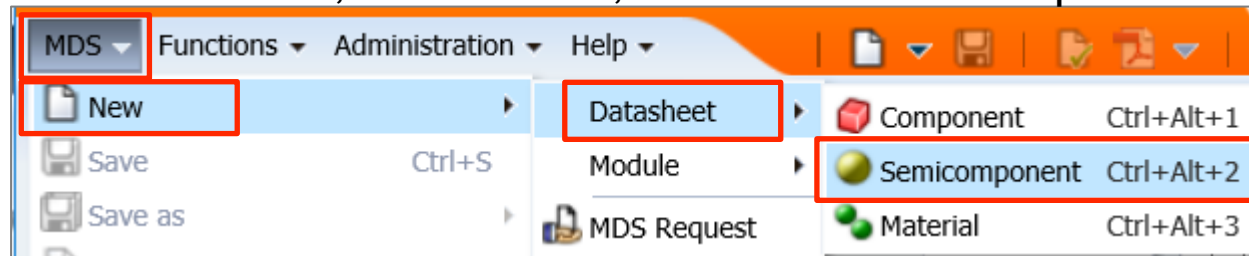
*Composite material refers to material with layers of two or more homogeneous materials (e.g. galvanized steel sheets and coated electric wires.). Create datasheet for each homogeneous material.

Example of composite material



*Specify ratio (%) based on weight ratio.

■ Select “New”, “Datasheet”, and then “Semicomponent”.

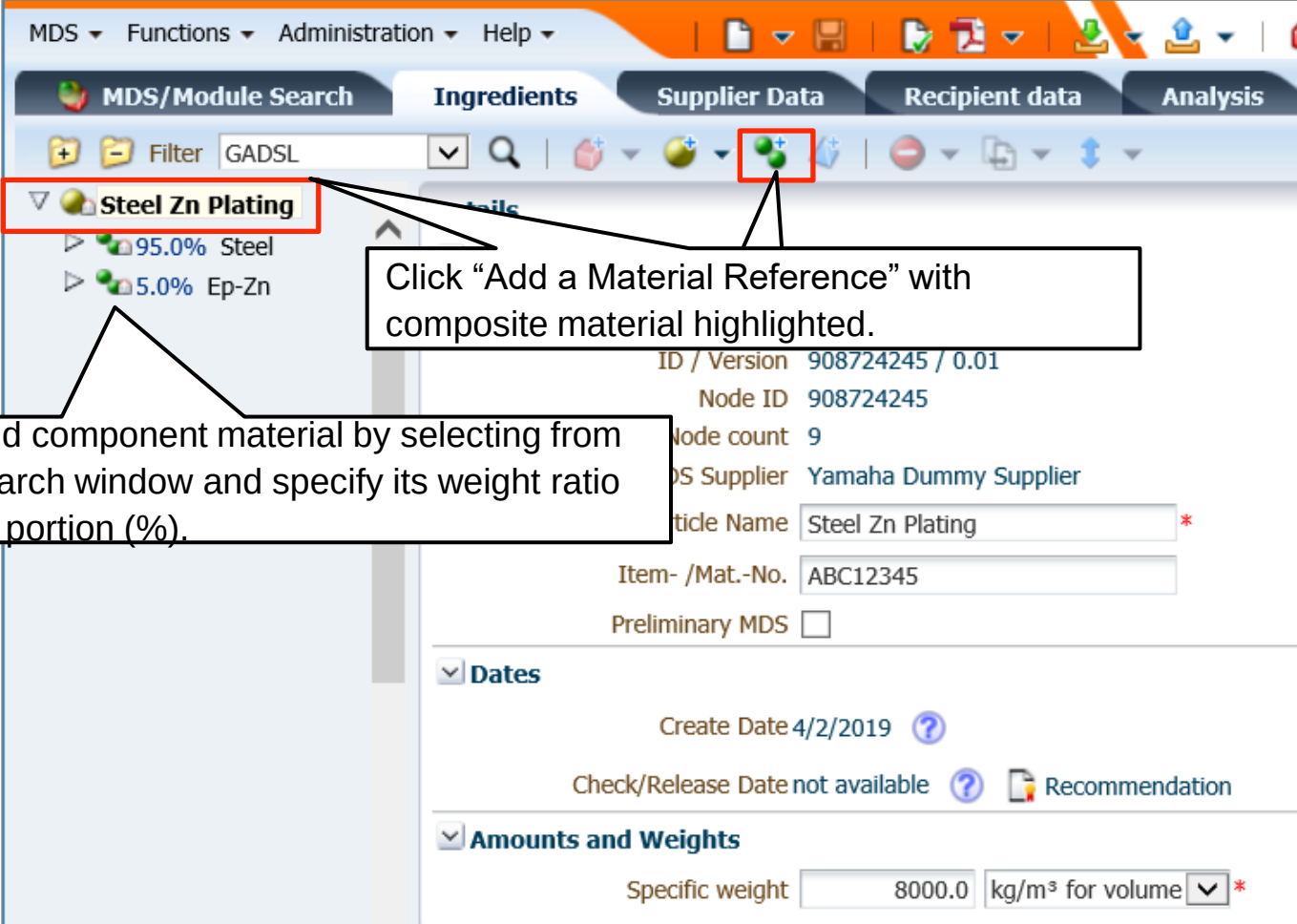


From “MDS” tab, “New” →
“Datasheet” →
“Semicomponent”

(Supplement II-1) Create datasheet for composite material

- Specify name and other entries appropriately and click “Add a Material Reference ()” with composite material highlighted.
- Search Material* in search window, add it, and specify its portion.

*Refer to “[II b. Create Material Datasheet](#)”.



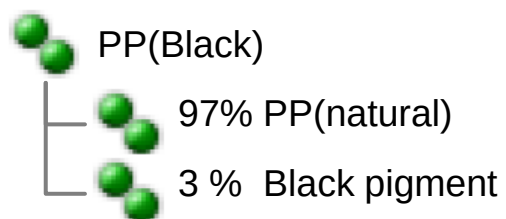
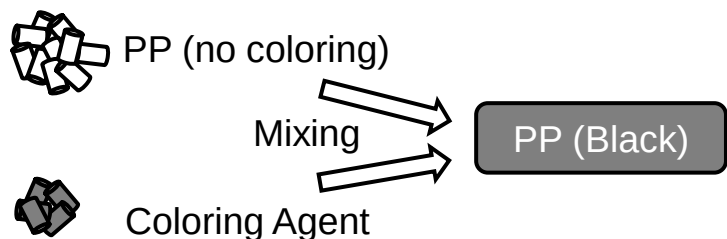
The screenshot shows the MDS/Module Search interface. The 'Ingredients' tab is selected. The search filter is set to 'GADSL'. The search results list 'Steel Zn Plating' with a weight ratio of 95.0% Steel and 5.0% Ep-Zn. The 'Add a Material Reference' icon (a green sphere with a plus sign) is highlighted. A callout box points to this icon with the text: 'Click “Add a Material Reference” with composite material highlighted.' Another callout box points to the 'Steel Zn Plating' entry with the text: 'Add component material by selecting from search window and specify its weight ratio as portion (%).' The right side of the interface shows the material details for 'Steel Zn Plating':

- ID / Version: 908724245 / 0.01
- Node ID: 908724245
- Node count: 9
- Supplier: Yamaha Dummy Supplier
- Title Name: Steel Zn Plating *
- Item- /Mat.-No.: ABC12345
- Preliminary MDS: ☐
- Dates: Create Date 4/2/2019 ?
- Check/Release Date: not available ?
- Recommendation: 
- Amounts and Weights: Specific weight 8000.0 kg/m³ for volume *

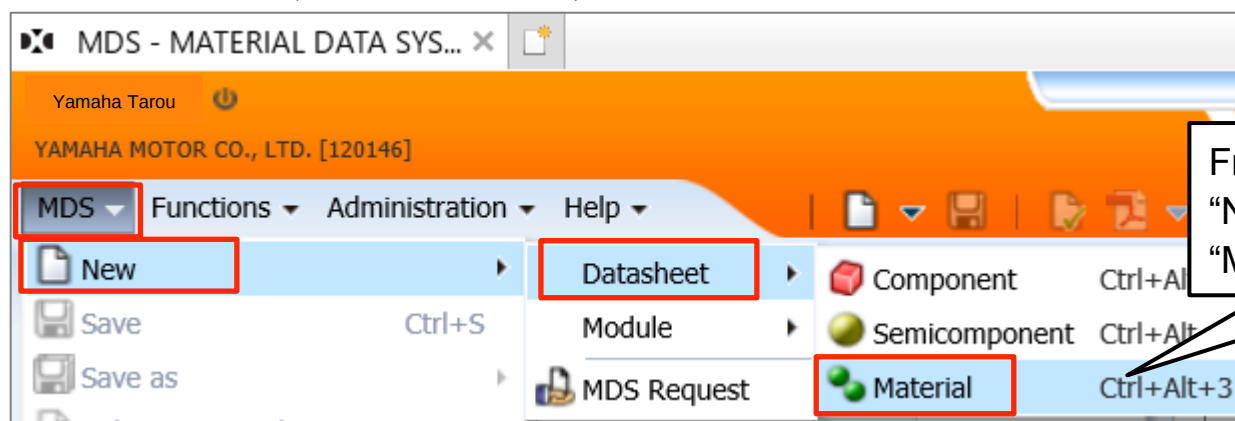
(Supplement II-2) Create datasheet for mixed material

For homogeneous material made by mixing two or more materials, such as colored plastic, create separate datasheet for each material, and then create datasheet of the mixed material in the final state by referring to the mixing ratio.

Example of mixed material



- Select “New”, “Datasheet”, and then “Material”.



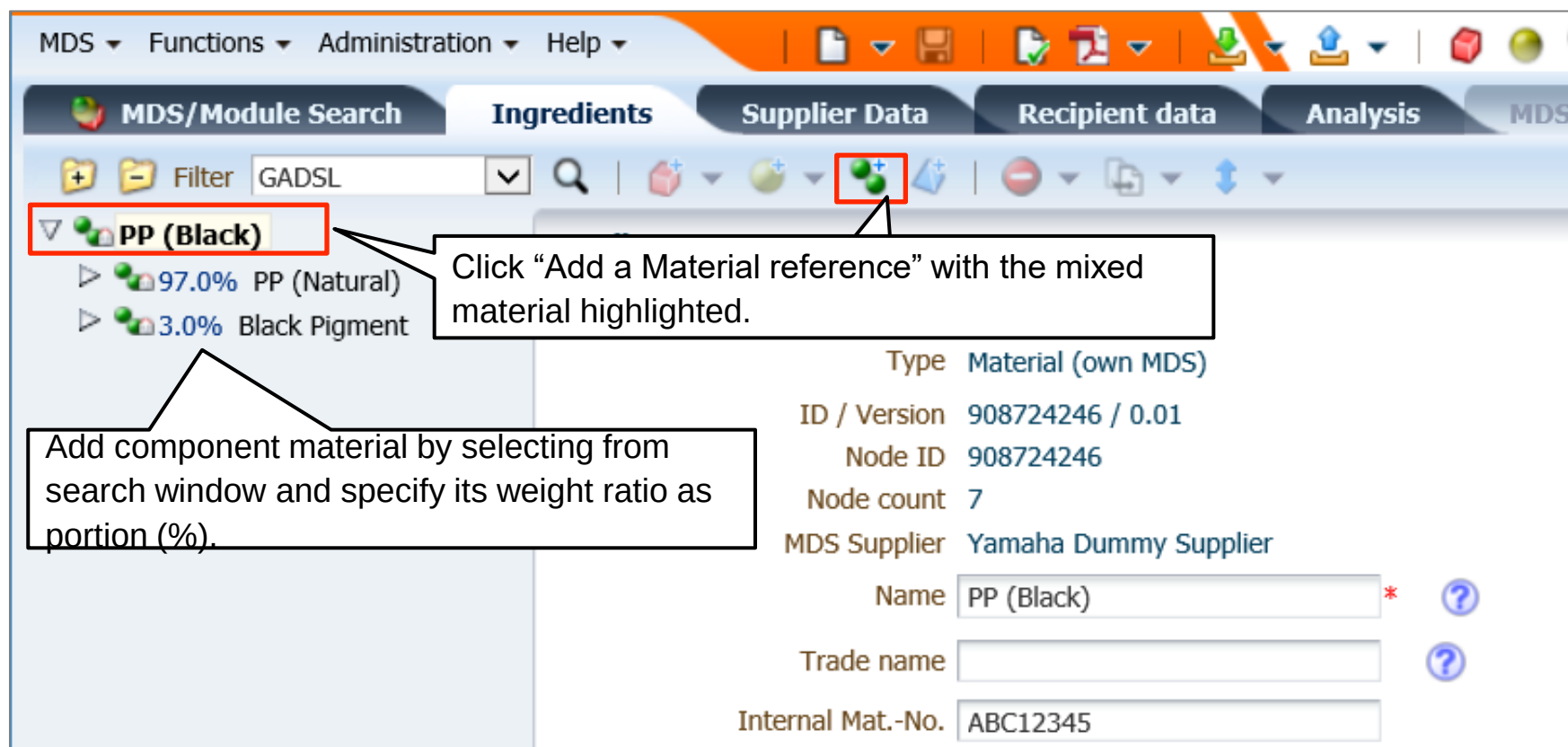
From “MDS” tab,
“New” → “Datasheet” →
“Material”

(Supplement II-2) Create datasheet for mixed material



- Specify name and other entries appropriately and click “Add a Material Reference ()” with mixed material highlighted.
- Search Material* in search window, add it, and specify its portion.

*Refer to “[II b. Create Material Datasheet](#)”.



MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients Supplier Data Recipient data Analysis MDS

Filter GADSL

PP (Black)

- 97.0% PP (Natural)
- 3.0% Black Pigment

Click “Add a Material reference” with the mixed material highlighted.

Add component material by selecting from search window and specify its weight ratio as portion (%).

Type Material (own MDS)

ID / Version 908724246 / 0.01

Node ID 908724246

Node count 7

MDS Supplier Yamaha Dummy Supplier

Name PP (Black) *

Trade name

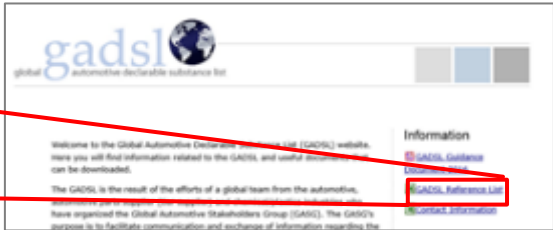
Internal Mat.-No. ABC12345

If your material supplier cannot provide the substance data due to confidentiality reason, ask them to **check whether substances in their material are listed in GADSL* and submit the data according to checking result as instructed in next page.**

* GADSL (Global Automotive Declarable Substance List):

List of substances that are subject to prohibition or management. This list was established by the GASG (Global Automotive Stakeholders Group) consisting of automakers, automotive parts suppliers, and chemical manufacturers in Japan, Europe, and the U.S., and is revised every year. The list can be downloaded from <http://www.gadsl.org/>

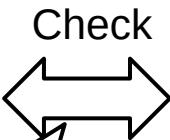
List of declarable substances



Material manufacturer



Name	CAS No	Portion
Substance A	XXXX-XX-X	○%
Substance B	YYYY-YY-Y	□%
Substance C	ZZZZ-ZZ-Z	△%



Request your supplier to check presence of GADSL-listed substances in their materials.

GADSL-... Tanada Yusuke				
ファイル ホーム 挿入 ページ 数式 データ 校閲 表示 操作アシス				
I8				
1	2	3	4	5
	A	B	C	D
	GADSL #	REF #	Substance	CAS RN
1				
2	1	1	Acetaldehyde	75-07-0
	2	2	Acetamide, N-methyl-	79-16-3
3				
4	3	3	Acetonitrile	75-05-8
	4	4	Acrylamide	79-06-1
5				
Start Page CAS RN Search Form				

A) If GADSL-listed substance(s) present

Specify “CAS No.” and “Portion” of the listed substance(s) correctly. This information is required to comply with the regulation.

B) Substances are NOT listed in GADSL

Although you can keep some substances confidential, specify the substances in their generic names and portions because IMDS requires 100% of substance registration (portion of 10% or less can be specified as “Misc., not to declare” too).

When the GADSL is revised, check if your hidden substance(s) are newly listed. If they are listed, you must update your datasheet according to IMDS rule*1.

Example



Polymer

Main:	PA6	70~80 %
Filler:	GF Fibre	10~15 %
Plasticizer:	DEHP ZZZ-ZZ-Z	10 %
Others:	Confidential	5 %



Oil

Main:	Ester oil	80~90 %
Thickener:	Li soap	5~10 %
Additives:	MCCP ZZZZ-ZZ-Z	3 %
Others:	Confidential	2 %

A) You must specify CAS numbers and portions of declarable substances.

B) Specify undeclarable substances in their generic names or “Misc., not to declare”, which is for substances with up to 10% portion)

*1. For more details, refer to Rule 3.2.1.D of Basic Rules concerning MDS Revisions in IMDS General Rules and Guidelines (IMDS 001).). For update management, we recommend your material manufacturers to use IMDS and the function of “Confidential Substance” ([See references](#)).

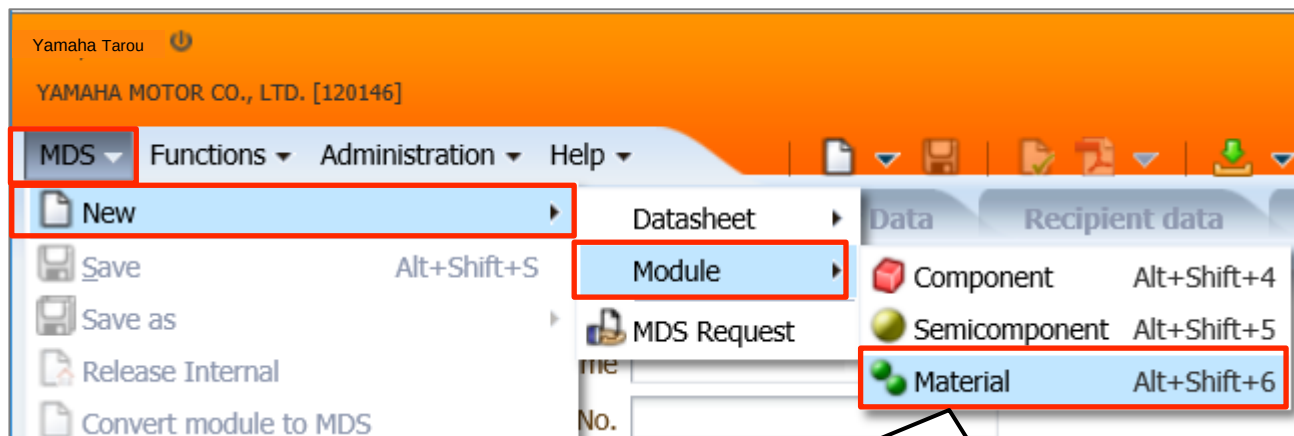
II c. Create datasheet for materials from Yamaha



If the parts uses materials supplied by Yamaha, prepare a datasheet for materials from Yamaha in accordance with this chapter, then proceed to [“III a. Create Component Datasheet”](#).

***Confirm Yamaha material code*¹ beforehand.**

- After logging in to IMDS, select "New", "Module" and "Material" from “MDS” menu.



*1 For Yamaha Motor, Co., Ltd., the material code is a seven-digit code starting with “G” and is identical to the code used in the transaction. If it starts with “SG”, omit the “S”, and use the 7 digits starting with “G”. For other Yamaha Group company, confirm with your customer.

II c. Create datasheet for materials from Yamaha



Select the appropriate material classification of the supplied material from the displayed list. Material classification is defined based on the types of material (e.g. steel, alloy, plastic) and functions.

- Select the appropriate material category and click "Apply"
- For plastics or elastomers, select the material code. *1

MDS - MATERIAL DATA SYSTEM

Classification

Classification	Description
2.1	Aluminium and aluminium alloys
2.1.1	Cast aluminium alloys
2.1.2	Wrought aluminium alloys
2.2	Magnesium and magnesium alloys
5	Polymer materials
5.1	Thermoplastics
5.1.a	filled Thermoplastics
5.1.b	unfilled Thermoplastics
5.2	Thermoplastic elastomers
5.3	Elastomers / elastomeric compounds
5.4	Duromers
5.4.1	Polyurethane
5.4.2	Unsaturated polyester
5.4.3	Other duromers
5.5	Polymeric compounds (e.g. inseparable laminated trim parts)
5.5.2	Textiles (in polymeric compounds)

Select the appropriate material classification and click "Apply".

☒ Apply ☐ Cancel

MDS - MATERIAL DATA SYSTEM

Composition of the material symbol

The selected material classification is used to determine the material type. Therefore please select the symbols/abbreviated terms suitable for the material.

Classification unfilled Thermoplastics

Basic polymers ISO 1043-1 **PP**

Plasticizers ISO 1043-3 (optional) ☐

Flame retardants ISO 1043-4 (optional) ☐

Composed symbol PP

It is also possible to adapt the symbol manually (lowermost input field). This is necessary for materials with more than one filler (e. g. glassfibre GF and mineral powder MD).
Example: PA6-(GF15+MD10); here you can add "(...+MD10)" manually.

For plastics and elastomer materials, select the appropriate code and click "Yes".

☒ OK

*1 Refer to ISO 1043 or JIS K 6899 regarding name abbreviations for plastics and elastomers. If you have any questions, please contact the person who requested the IMDS data.

*2 When entering the recycle information for Yamaha-supplied materials with the classification of 5.x, answer "No" to the question "Does the material contain recycle?".

Does the material contain recycle?

Content not yet answered

☐ Yes ☒ No

II c. Create datasheet for materials from Yamaha



When a new datasheet opens, enter name and other fields.

- Enter material name and trade name appropriately according to the material.
- Enter given material code of the applicable supplied material from your customer.

Yamaha
YAMAHA MOTOR CO., LTD. [120146]

MATERIAL DATA SYSTEM

MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients * Supplier Data Recipient data Analysis MDS Request

Filter GADSL show regulatory information

PP

Details

☒ **Common Information**

Type Material (Module)
ID / Version 884686770 / 0.01
Node ID 884686770
Node count 1

Name PP *
Trade name
Internal Mat.-No.
Preliminary MDS ☐

Dates

Create Date 12/3/2019 ?
Check/Release Date not available ? Recommendation

☒ **Material Information**

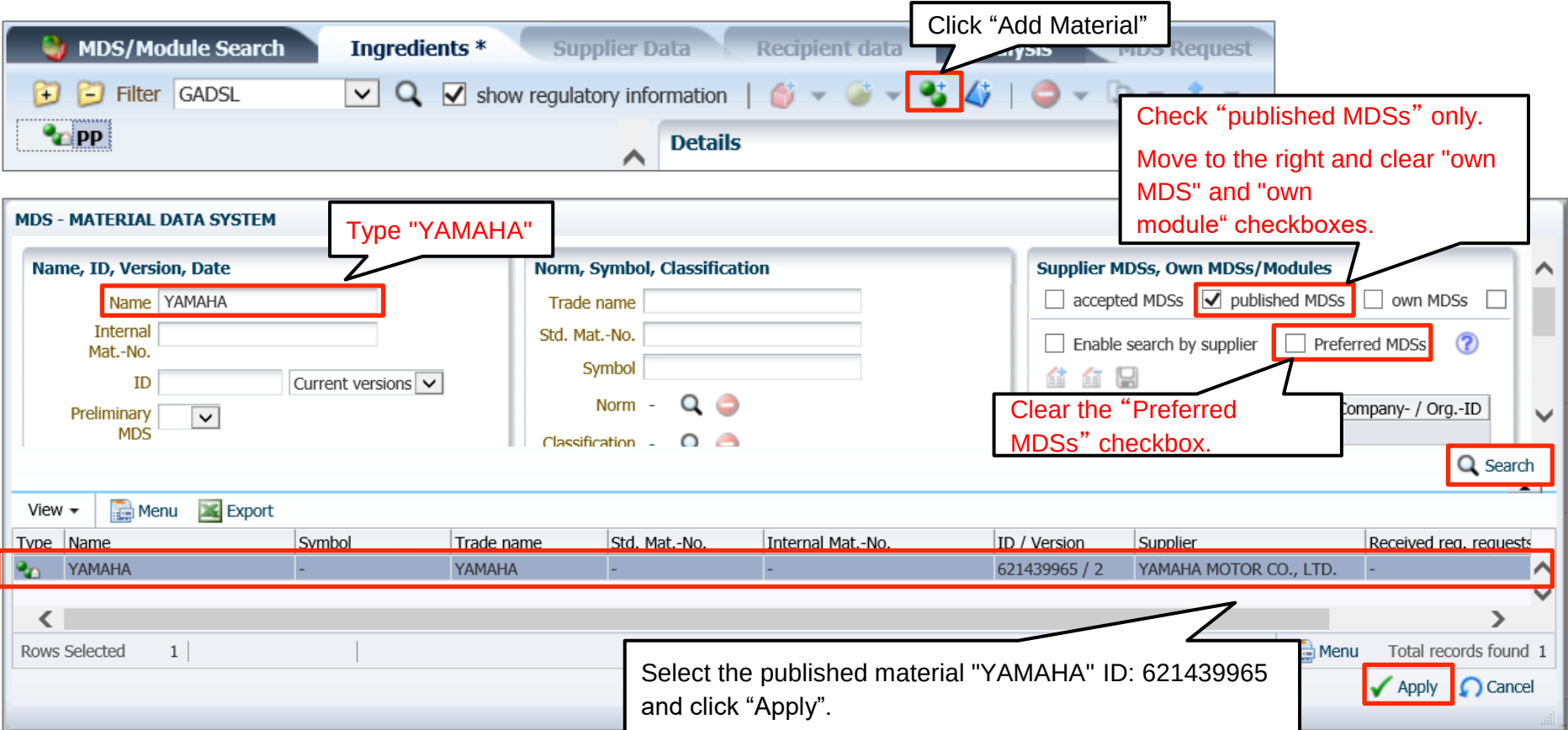
Std. Mat.-No.

II c. Create datasheet for materials from Yamaha



To identify the materials as material supplied by Yamaha, add “YAMAHA” to the published materials.

- Click “Add Material”  .
- In search window, enter “YAMAHA” in Name field, check only the checkbox of “published MDSs” in the search scope, clear the “Preferred MDSs” checkbox, then click “Search”.
- Select the published material “YAMAHA” ID: 621439965 and click “Apply”.



The screenshot shows the MDS/Material Data System interface. The top menu bar includes "MDS/Module Search", "Ingredients *", "Supplier Data", "Recipient data", "Analysis", and "MDS Request". The "Ingredients *" menu is open, showing a toolbar with a green plus icon (labeled "Click 'Add Material'"), a blue plus icon, and a red minus icon. Below the menu bar, the "Details" section is visible. The main window is titled "MDS - MATERIAL DATA SYSTEM" and contains several input fields and checkboxes. The "Name, ID, Version, Date" section has a "Name" field with "YAMAHA" entered (labeled "Type 'YAMAHA'"). The "Norm, Symbol, Classification" section has fields for "Trade name", "Std. Mat.-No.", and "Symbol". The "Supplier MDSs, Own MDSs/Modules" section has checkboxes for "accepted MDSs", "published MDSs" (checked), "own MDSs", "Enable search by supplier", and "Preferred MDSs" (unchecked, labeled "Clear the 'Preferred MDSs' checkbox."). A "Search" button is at the bottom right. Below the search section is a table with columns: Type, Name, Symbol, Trade name, Std. Mat.-No., Internal Mat.-No., ID / Version, Supplier, and Received req. requests. The first row is highlighted with a red box and contains the following data: Type: , Name: YAMAHA, Symbol: -, Trade name: YAMAHA, Std. Mat.-No.: -, Internal Mat.-No.: -, ID / Version: 621439965 / 2, Supplier: YAMAHA MOTOR CO., LTD., Received req. requests: -. Below the table, the "Rows Selected" section shows "1". At the bottom right, there are "Apply" and "Cancel" buttons (labeled "Select the published material 'YAMAHA' ID: 621439965 and click 'Apply'").

Click “Add Material”

Type “YAMAHA”

Check “published MDSs” only. Move to the right and clear “own MDS” and “own module” checkboxes.

Clear the “Preferred MDSs” checkbox.

Select the published material “YAMAHA” ID: 621439965 and click “Apply”.

Type	Name	Symbol	Trade name	Std. Mat.-No.	Internal Mat.-No.	ID / Version	Supplier	Received req. requests
	YAMAHA	-	YAMAHA	-	-	621439965 / 2	YAMAHA MOTOR CO., LTD.	-

II c. Create datasheet for materials from Yamaha



After adding the published material "YAMAHA", specify portion as 100% and release the datasheet internally.

- Select "Fix" in Portion field and enter 100%.
- "Release Internal" from "MDS" menu.*1

The screenshot displays the MDS software interface. On the left, the 'MDS' menu is open, and the 'Release Internal' option is highlighted. A callout box points to this option with the text: "Click 'Release Internal' when you finish." In the main window, the 'Ingredients' tab is active, showing a list of materials. The material 'YAMAHA' is selected, and its 'Portion' is set to '100.0%'. A callout box points to the 'Portion' field with the text: "Select 'Fix' and enter 100% in Portion field." The 'Details' panel on the right shows the 'Common Information' section, including fields for Type, ID / Version, Node ID, MDS Supplier, Name, Trade name, Internal Mat.-No., and Preliminary MDS. The 'Amounts and Weights' section is also visible, showing the 'Portion' field set to 'Fix' and '100%'.

*1 Although a warning message comes up, ignore it and release the datasheet internally.

[Return to Flowchart](#)

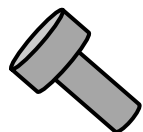


III a. Create component datasheet

After obtaining and creating material datasheets, create “Component Datasheet” in accordance with the procedure described here.

This section describes how to create datasheet for an individual part. As for complex parts, create datasheet for component parts according to this procedure and proceed to [“III c. Create datasheet for complex parts”](#).

Examples of parts



Bolt
Zinc plating
(with passivation)



10 g bolt



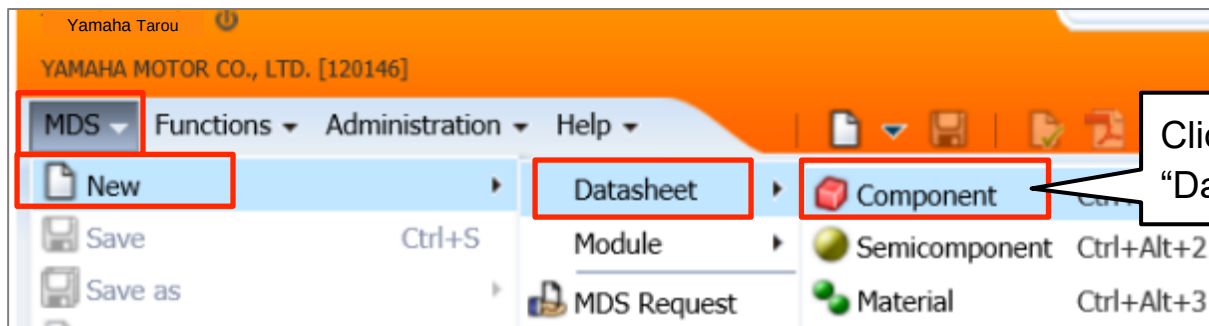
9.5 g steel



0.4 g Zn plating



0.1 g passivation



Click “MDS” → “New” →
“Datasheet” → “Component”

*When creating parts datasheet, make sure to use “Component” symbol ().
Keep in mind that Semi-Component () is not considered as parts, but material.

III a. Create component datasheet



- On new datasheet, enter “Description” (part name), “Part/Item No.” and “Part Weight”

*Enter Delivery Number used in the transaction in the Parts/Item No. field for parts with Yamaha Part Number.

If you cannot enter the YAHAMA Part Number when you operate the system, enter the number in “Recipient data” page in [“IV a. Datasheet Submission”](#) and send the data.

MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients * Supplier Data * Recipient data * Analysis

Filter GADSL Bolt

Details

Common Information

Type Component (own MDS)

ID / Version 908725385 / 0.01

Node ID 908725385

Node count 1

MDS Supplier Yamaha Dummy Supplier

Description Bolt *

Part/Item No. ABC-11111-00-00-80

Preliminary MDS ☐

Dates

Amounts and Weights

Measured weight per item 10 g *

Calculated weight per item 0.0 g

Deviation -100.0% ?

Enter “Description” and “Part/Item No.”

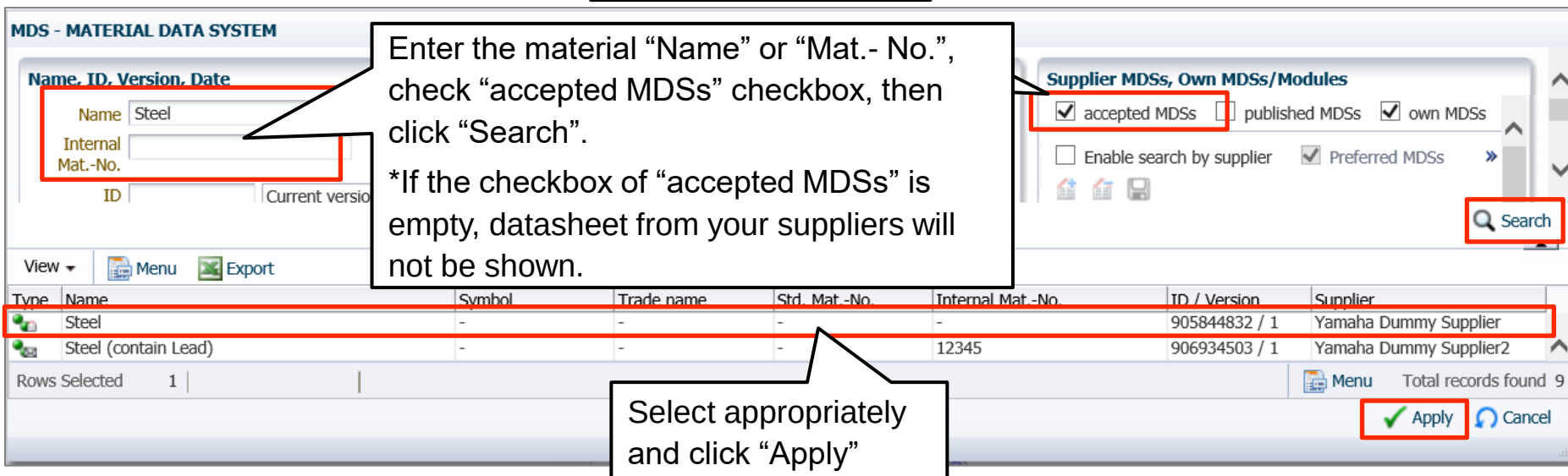
*Enter Delivery Number used in the transaction as Part Number for parts with Yamaha Part Number.

Enter part weight (choose kg, g or mg for unit)

III a. Create component datasheet

Add material information to the parts datasheet.

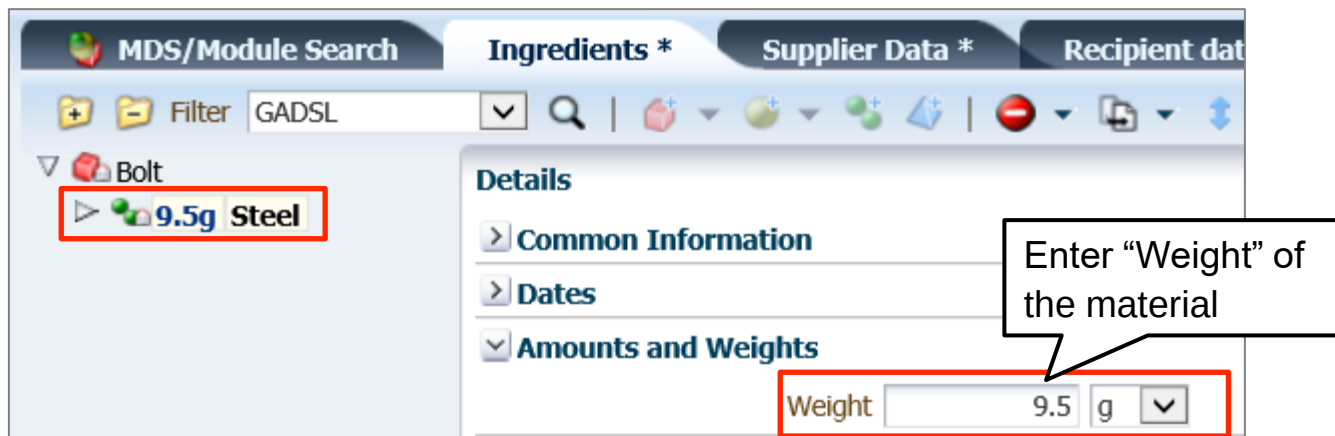
- Make sure that parts is selected and click, then click “Add material” ()
(To add composite material, click “Add semicomponent”()
- In the search window, enter Name or Internal Mat.-No., check “accepted MDSs” checkbox, then click “Search” → Select the appropriate material and click “Apply”



III a. Create component datasheet

- Enter “Weight” to register the material.

Repeat the procedure on the previous page to register all materials.



MDS/Module Search Ingredients * Supplier Data * Recipient data

Filter GADSL

Bolt

9.5g Steel

Details

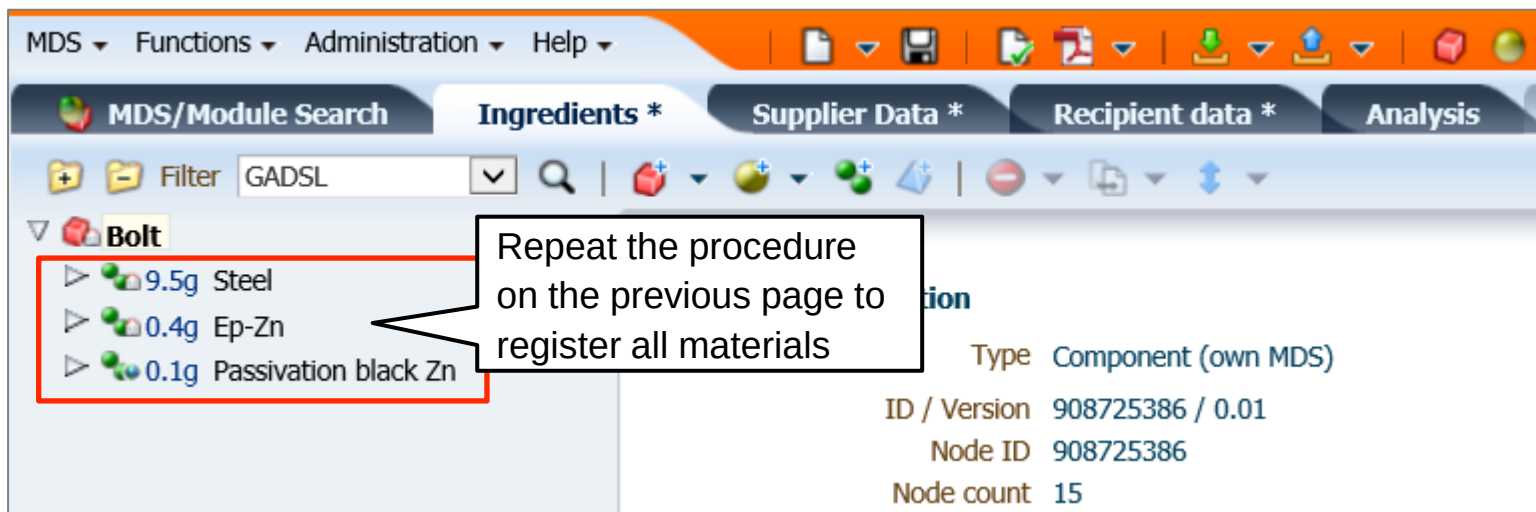
Common Information

Dates

Amounts and Weights

Weight 9.5 g

Enter “Weight” of the material



MDS Functions Administration Help

MDS/Module Search Ingredients * Supplier Data * Recipient data * Analysis

Filter GADSL

Bolt

9.5g Steel

0.4g Ep-Zn

0.1g Passivation black Zn

Repeat the procedure on the previous page to register all materials

Type Component (own MDS)

ID / Version 908725386 / 0.01

Node ID 908725386

Node count 15

(Reference) How to Search Common Industrial Standards



IMDS standard material datasheet can be used when your substances are specified by common industrial standards. Search a standard material datasheet as follows:

- Enter “Name” in the industrial standard
- Check the checkboxes “published MDSs” and “Enable search by supplier”, then click “Search”

The screenshot shows the 'Material Search' interface with the following sections:

- Name, ID, Version, Date:** Contains fields for Name (SCM415), Internal Mat.-No., ID, Preliminary MDS, and Language (English).
- Norm, Symbol, Classification:** Contains fields for Trade name, Std. Mat.-No., Symbol, Norm, and Classification.
- Supplier MDSs, Own MDSs/Modules:** Contains checkboxes for accepted MDSs, published MDSs (checked), own MDSs, Enable search by supplier (checked), and Preferred MDSs.
- Search Button:** A magnifying glass icon with the text 'Search'.
- Results Table:** A table with columns: Type, Name, Symbol, Trade name, Std. Mat.-No., Internal Mat.-No., ID / Version, and Supplier.

Annotations on the screenshot:

- A red box highlights the 'Name, ID, Version, Date' and 'Norm, Symbol, Classification' sections. A callout points to the 'Name' field with the text: "Enter the technical standard information".
- A red box highlights the 'published MDSs' and 'Enable search by supplier' checkboxes. A callout points to these checkboxes with the text: "Check 'published MDSs' and 'Enable search by supplier' then click 'Search'".
- A red box highlights the first five rows of the results table. A callout points to the 'Supplier' column with the text: "You can use data for common technical standard by 'IMDS-Committee'".

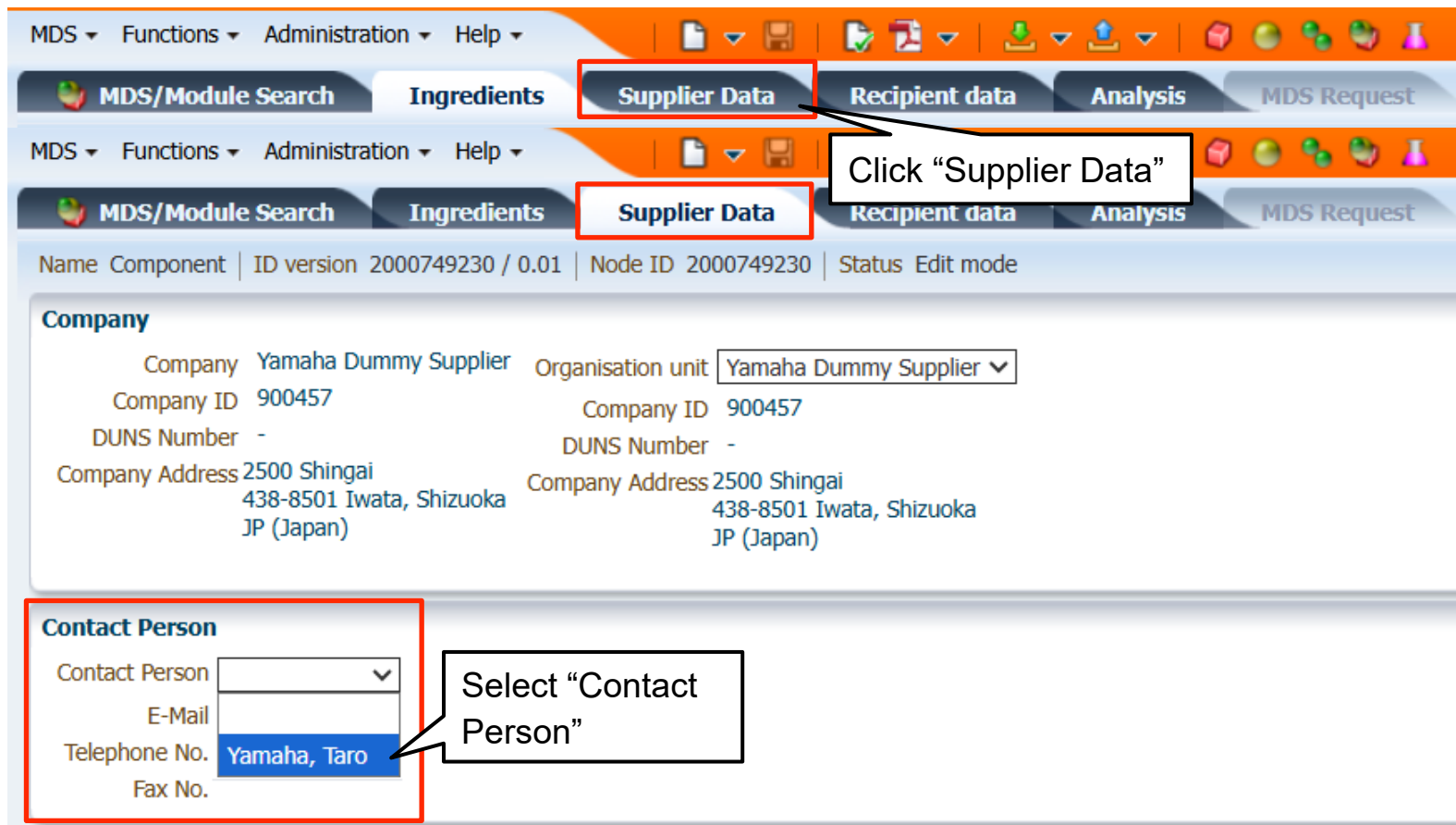
Type	Name	Symbol	Trade name	Std. Mat.-No.	Internal Mat.-No.	ID / Version	Supplier
	SCM415	-	-	SCM415	-	11894424 / 2	IMDS-Committee / ILI Metals
	SCM415H	-	-	SCM415H	-	11894426 / 3	IMDS-Committee / ILI Metals
	SCM415HRCH	-	-	SCM415HRCH	SCM415HRCH	384830658 / 1	IMDS-Committee / ILI Metals
	SCM415M	-	-	SCM415M	-	11894427 / 4	IMDS-Committee / ILI Metals
	SCM415RCH	-	-	SCM415RCH	SCM415RCH	384830657 / 1	IMDS-Committee / ILI Metals

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III a. Create component datasheet

Next, describe the contact person for the datasheet.

- Click “Supplier Data”
- Select “Contact Person”^{*1}



The screenshot displays the IMDS software interface. At the top, there are navigation menus: 'MDS', 'Functions', 'Administration', and 'Help'. Below these are several tabs: 'MDS/Module Search', 'Ingredients', 'Supplier Data', 'Recipient data', 'Analysis', and 'MDS Request'. The 'Supplier Data' tab is highlighted with a red box, and a callout bubble points to it with the text 'Click “Supplier Data”'. Below the tabs, there is a header section with fields for 'Name', 'Component', 'ID version', 'Node ID', and 'Status'. The 'Company' section is visible, showing details for 'Yamaha Dummy Supplier' with fields for 'Company ID', 'DUNS Number', and 'Company Address'. The 'Contact Person' section is also visible, with a dropdown menu for 'Contact Person' and fields for 'E-Mail', 'Telephone No.', and 'Fax No.'. The 'Contact Person' dropdown is highlighted with a red box, and a callout bubble points to it with the text 'Select “Contact Person”'. The 'Contact Person' dropdown is currently set to 'Yamaha, Taro'.

^{*1} If “Contact Person” is not shown, request your Company Administrator to register (to add the person as “user”).
For details, refer to IMDS FAQ “[User Accounts \(IDs\)](#)” and check “CA Administrative Functions”.

III a. Create Component Datasheet

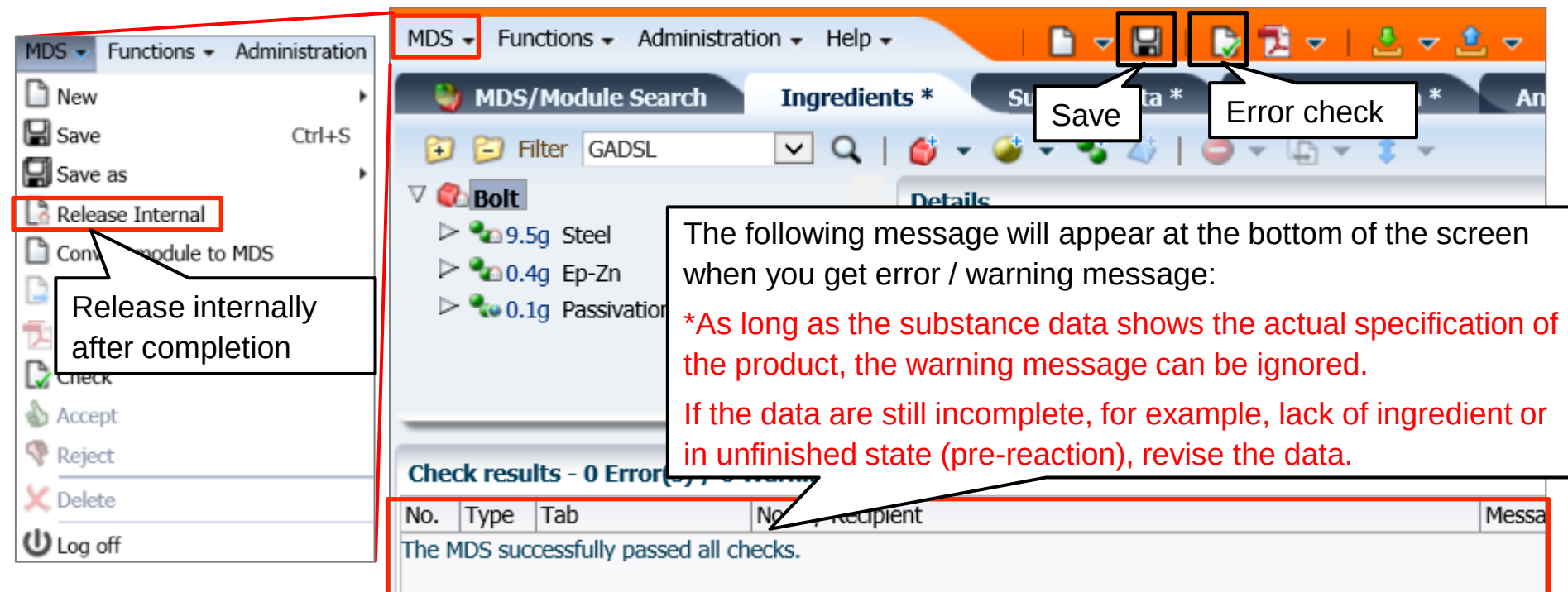
You have completed datasheet creation. Save the data, run “Error check”, and check the contents.

- Click  to temporarily save the data.

- Click  to run error check.

→ If error or warning message appears, correct or identify the content. Refer to the “[Correcting Errors in IMDS](#)” in the references of this document.

- After troubleshooting the error, click “MDS” → “Release Internal”



The screenshot shows the Yamaha IMDS software interface. On the left, the 'MDS' menu is open, and the 'Release Internal' option is highlighted with a red box. A callout box points to this option with the text 'Release internally after completion'. In the main window, the 'MDS/Module Search' tab is active, and the 'Ingredients' list is displayed. The 'Save' button (floppy disk icon) and the 'Error check' button (checkmark icon) are both highlighted with red boxes and callout boxes. At the bottom, a message box states 'The MDS successfully passed all checks.'

The following message will appear at the bottom of the screen when you get error / warning message:

***As long as the substance data shows the actual specification of the product, the warning message can be ignored.**

If the data are still incomplete, for example, lack of ingredient or in unfinished state (pre-reaction), revise the data.

III b. Create datasheet for components from Yamaha



If the parts are supplied by Yamaha*¹, first, prepare a datasheet in accordance with procedure described in this chapter, then proceed to “[III c. Create Complex Component Datasheet](#)”.

***Enter Yamaha Part Number used in the transaction in this datasheet.*²**

- Select “New” under “MDS” tab, “Module” and “Components”.
- Enter Yamaha parts information in the parts name, number, and weight fields.

The screenshot shows the MDS software interface. The 'MDS' menu is open, and the 'New' option is selected. The 'Module' submenu is also open, and the 'Component' option is selected. A callout box points to this path with the text: "From 'Datasheet', select 'New' → 'Module' → click 'Components'".

The 'MDS/Module Search' window is open, showing a list of items. The 'Item1' is selected. A callout box points to the 'Item1' with the text: "Enter Yamaha parts information in the part name, number, and weight. *Enter actual weight.".

The 'Details' form for 'Item1' is shown. The 'Common Information' section is expanded, showing the following fields:

- Type: Component (Module)
- ID / Version: 884726559 / 0.01
- Node ID: 884726559
- Node count: 1
- Description: Item1
- Part/Item No.: ABC-11111-00-00-80
- Preliminary MDS: ☐

The 'Amounts and Weights' section is also expanded, showing the following fields:

- Measured weight per item: 100 g
- Calculated weight per item: 0.0 g

Callout boxes highlight the 'Description' and 'Part/Item No.' fields, and the 'Measured weight per item' field.

*1 The procedure in this chapter for preparing datasheet is also applicable if your company machines parts supplied by Yamaha. After creating the datasheet, proceed to “[III c. Create Complex Component Datasheet](#)”.

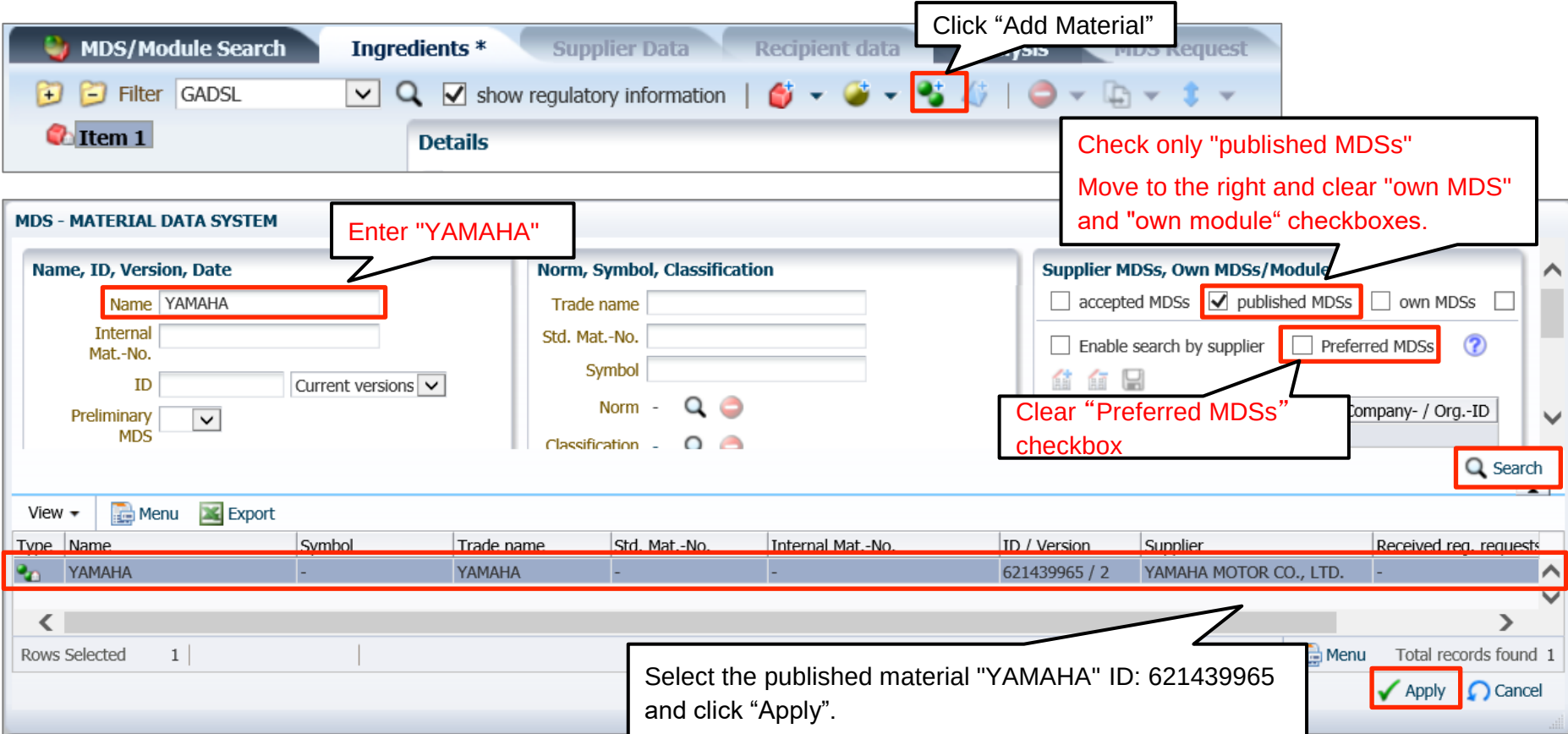
*2 If you need information on the Yamaha Part Number, contact the person/division who requested the IMDS data submission.

III b. Create datasheet for components from Yamaha



To identify the supplied materials, add “YAMAHA” in the published material.

- Click “Add Material” 
- In the search window, enter “YAMAHA” in Name field, check only the “published MDSs” checkbox in the search scope, clear the “Preferred Material Data Sheet” checkbox, then click “Search”.
- Select the published material “YAMAHA” ID: 621439965 and click “Apply”.



The screenshot shows the MDS/Material Data System interface. The top bar includes tabs for MDS/Module Search, Ingredients, Supplier Data, Recipient data, and MDS Request. The main window is divided into several sections:

- Search Bar:** Filter set to GADSL, show regulatory information checked. The “Add Material” icon (green circle with a plus) is highlighted with a callout: “Click ‘Add Material’”.
- Details Section:**
 - Name, ID, Version, Date:** The “Name” field contains “YAMAHA” and is highlighted with a callout: “Enter ‘YAMAHA’”.
 - Norm, Symbol, Classification:** Fields for Trade name, Std. Mat.-No., Symbol, Norm, and Classification.
 - Supplier MDSs, Own MDSs/Module:** Checkboxes for accepted MDSs, published MDSs (checked), own MDSs, Enable search by supplier, and Preferred MDSs (unchecked). A callout points to the “published MDSs” checkbox: “Check only ‘published MDSs’ Move to the right and clear ‘own MDS’ and ‘own module’ checkboxes.”. Another callout points to the “Preferred MDSs” checkbox: “Clear ‘Preferred MDSs’ checkbox”.
 - Search:** A “Search” button is highlighted with a callout: “Search”.
- Table:** A table with columns: Type, Name, Symbol, Trade name, Std. Mat.-No., Internal Mat.-No., ID / Version, Supplier, Received reg. requests. The first row is highlighted with a red box and contains: YAMAHA, -, YAMAHA, -, -, 621439965 / 2, YAMAHA MOTOR CO., LTD., -. A callout points to this row: “Select the published material ‘YAMAHA’ ID: 621439965 and click ‘Apply’”.
- Footer:** Rows Selected: 1. Total records found: 1. Buttons for Apply (checked) and Cancel.

III b. Create datasheet for components from Yamaha



After adding the published material "YAMAHA", enter weight, and release the datasheet internally.

- Enter weight of the Yamaha parts.
- Click "Release Internal" under "MDS" tab.*1

The screenshot displays the MDS software interface. On the left, the 'MDS' menu is open, and the 'Release Internal' option is highlighted. A callout box points to this option with the text: "Conduct 'Release Internal' after completion". In the main window, the 'MDS/Module Search' tab is active, showing a search result for 'Item 1' with a weight of '100.0g' and the supplier 'YAMAHA'. A callout box points to the '100.0g' value with the text: "Enter weight of the supplied part". On the right, the 'Details' panel is visible, showing common information for the material. The 'Weight' field in the 'Amounts and Weights' section is highlighted with a red box and contains the value '100 g'.

MDS Functions Administration Help

MDS/Module Search Ingredients * Supplier Data Recipient data Analysis

Filter GADSL show regulatory information

Item 1
100.0g YAMAHA

Details

Common Information

Type Material (own MDS)
ID / Version 621439965 / 2
Node ID 817439793
MDS Supplier YAMAHA MOTOR CO., LTD.
Name YAMAHA
Trade name YAMAHA
Internal Mat.-No. -
Preliminary MDS No

Dates

Create Date 3/22/2019
Check/Release Date 4/1/2019 Recommendation

Amounts and Weights

Weight 100 g

*1 A warning message will appear, but you can ignore it and release the datasheet internally.

[Return to Flowchart](#)

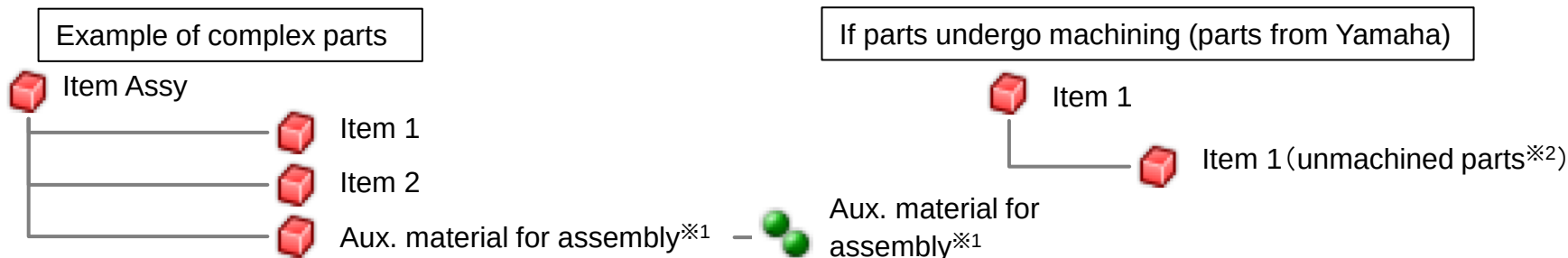


III c. Create datasheet for complex component

When creating complex part ("Component" in IMDS) datasheet, collect and create component part datasheets beforehand.

The procedure below is for complex part with one level. For parts with two or more levels, repeat this procedure for all nodes starting from the bottom. (Refer to "[Datasheet Structure](#)")

The procedure below is also applicable to create datasheet if your company machines parts supplied by Yamaha.



- Specify name, number and weight as described in "III a. Create Component Datasheet",.

MDS Functions Administration Help

MDS/Module Search Ingredients * Supplier Data * Recipient data * Analysis

Filter GADSL

Item Assy

Details

Common Information

Type Component (own MDS)

ID / Version 909347034 / 0.01

Node ID 909347034

Node count 1

MDS Supplier Yamaha Dummy Supplier

Description Item Assy *

Part/Item No. ABC-12345-00-00-80

Preliminary MDS ☐

Dates

Amounts and Weights

Measured weight per item 200 g *

Create a new component datasheet and enter parts name, number, and weight.

*1 Create component datasheet too for assembly parts, including those without auxiliary parts.

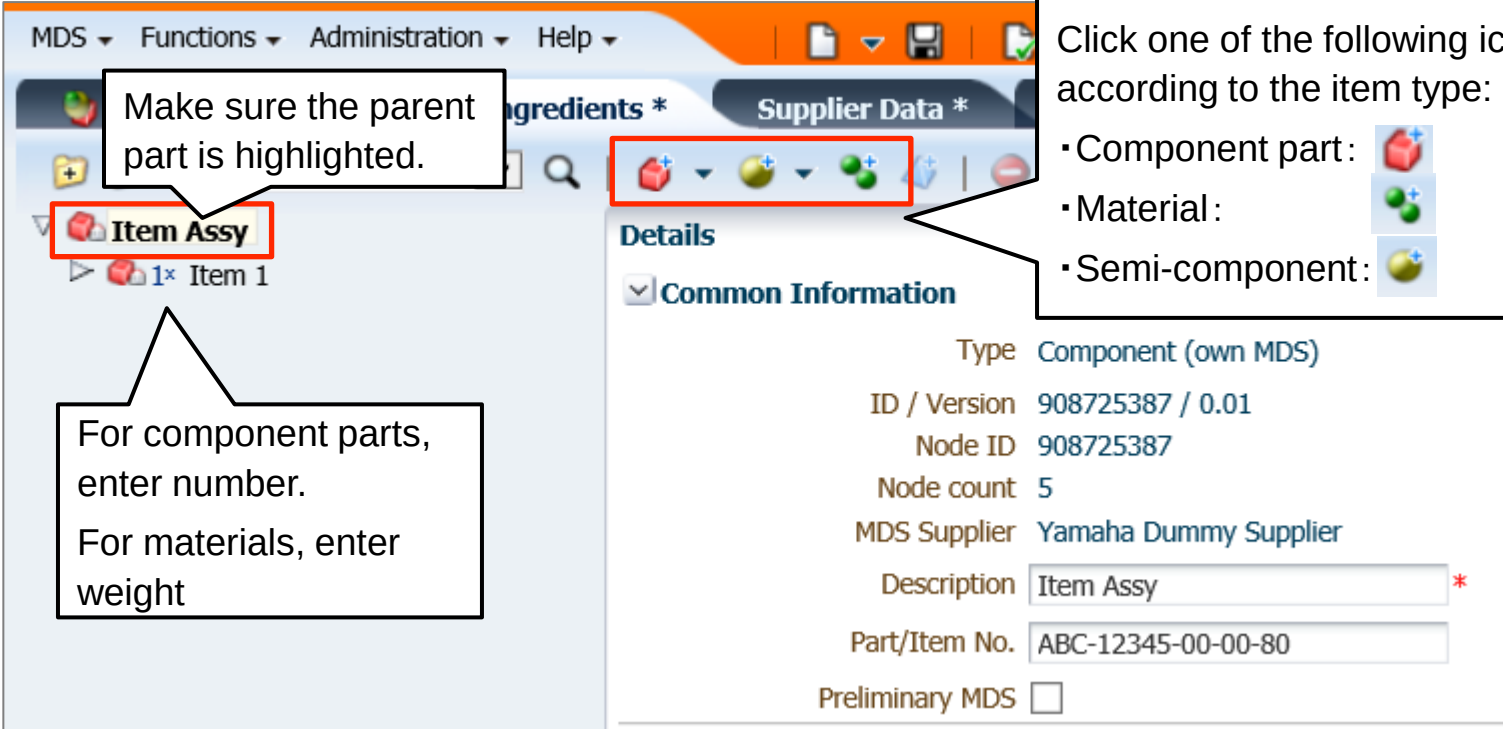
*2 Create component datasheet too for materials that are only machined and not added with other materials.

III c. Create datasheet for complex component

Add component parts and materials.

- With parent parts being highlighted, click , , or  depending on the items^{*1}.
- Find the appropriate data in the search window, add the data, and enter the number of parts or weight of material.

*For details, refer to “[III a. Create Component Datasheet](#)”.



Make sure the parent part is highlighted.

For component parts, enter number.
For materials, enter weight

Click one of the following icons according to the item type:

- Component part: 
- Material: 
- Semi-component: 

Details

☒ Common Information

Type	Component (own MDS)
ID / Version	908725387 / 0.01
Node ID	908725387
Node count	5
MDS Supplier	Yamaha Dummy Supplier
Description	Item Assy *
Part/Item No.	ABC-12345-00-00-80
Preliminary MDS	☐

*1 When creating a part datasheet, make sure to use “Component ()”. Note that Semi-Component () is not considered as parts, but materials.

III c. Create datasheet for complex component



Repeat the procedure on the previous page to register all the component parts and materials, then perform the final step (select Contact Person, run Error Check ^{*1} and click Internal Release).

*Refer to “[III a. Create Component Datasheet](#)” for details.

The screenshot shows the Yamaha MDS software interface. The top menu bar includes 'MDS', 'Functions', 'Administration', and 'Help'. Below the menu is a toolbar with various icons. The main window has a tabbed interface with 'Received MDSs', 'Ingredients *', 'Supplier Data *', 'Recipient data *', and 'Analysis'. The 'Ingredients *' tab is active, showing a tree view on the left with 'Item Assy' expanded, containing '1x Item1', '1x Item2', and '1x Grease'. The 'Details' panel on the right shows 'Common Information' with the following fields: 'Type' (Component (own MDS)), 'ID / Version' (2000200462 / 0.01), 'Node ID' (2000200462), 'Node count' (11), 'MDS Supplier' (Yamaha Dummy Supplier3), 'Description' (Item Assy), 'Part/Item No.' (ABC-12345-00-00-80), and 'Preliminary MDS' (checkbox).

*1 There is no problem when a warning message “Different types of nodes (component, semi-component or material) are used at the same level.” appears.

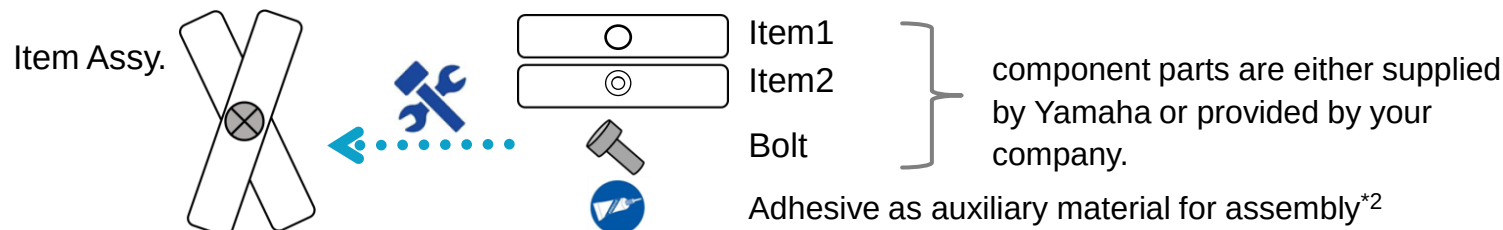


III d. Components with plant-specific assembly number

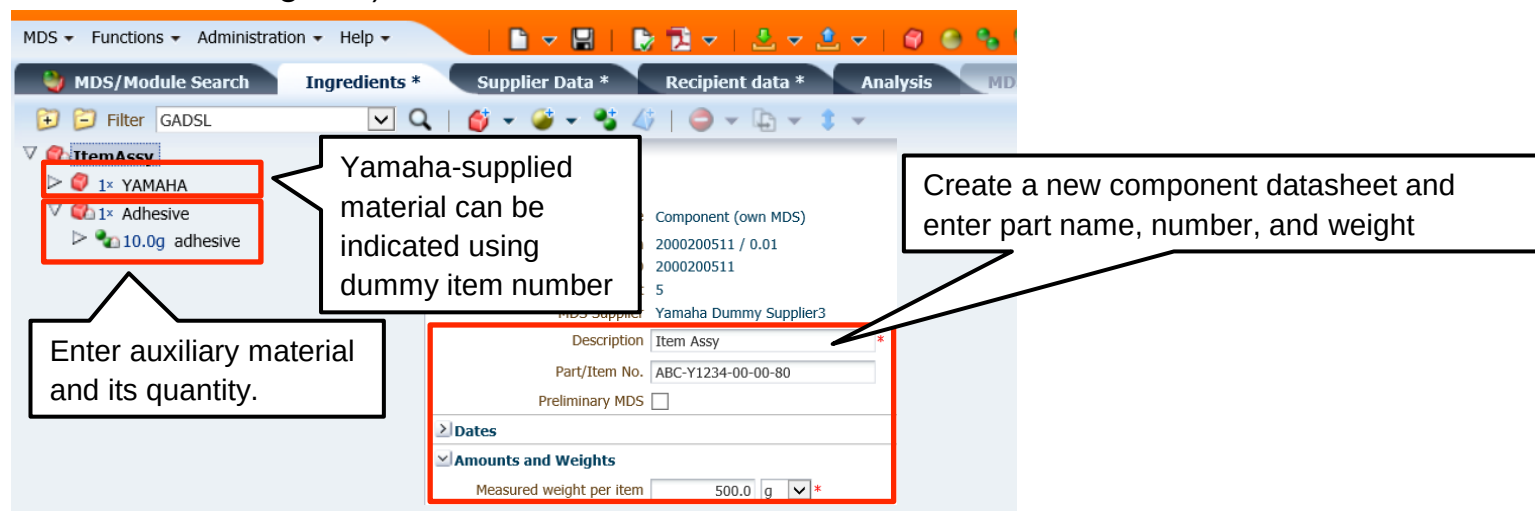
For parts with plant-specific assembly numbers (5-digit number in the middle started with X or Y) ^{*1}, register only the final weight and auxiliary material used in the assembly process.

Details of component parts are unnecessary, but adjust the weight to prevent errors.

Example) Item Assy. ABC-X1234-00-00-80



- Specify name, part number, and weight as described in “[III a. Create Component Datasheet](#)”.
- Register auxiliary material used for assembly and specify the amount (Refer to “[III a. Create Component Datasheet](#)” to register).



The screenshot shows the MDS/Module Search software interface. The 'Ingredients' tab is active, displaying a list of materials under the 'Item Assy' filter. The list includes '1x YAMAHA', '1x Adhesive', and '10.0g adhesive'. A callout box points to the '1x Adhesive' entry, stating 'Yamaha-supplied material can be indicated using dummy item number'. Another callout box points to the '10.0g adhesive' entry, stating 'Enter auxiliary material and its quantity.' The 'Component (own MDS)' section shows the part number '2000200511 / 0.01' and the weight '5'. The 'MDS Supplier' is listed as 'Yamaha Dummy Supplier3'. The 'Description' field is 'Item Assy', and the 'Part/Item No.' is 'ABC-Y1234-00-00-80'. The 'Preliminary MDS' checkbox is unchecked. The 'Dates' section is expanded, and the 'Amounts and Weights' section is checked, showing 'Measured weight per item' as '500.0 g'.

^{*1} All component parts are supplied by Yamaha without design drawing and only assembled following assembly instructions.

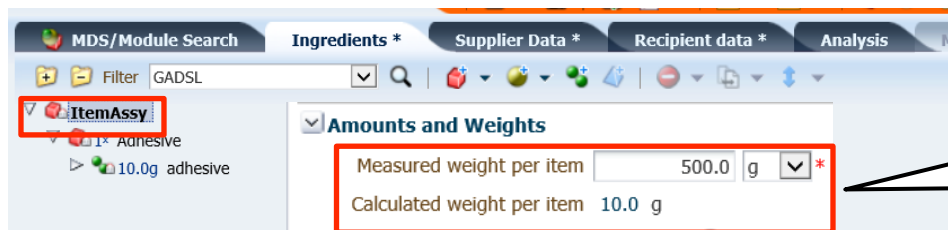
^{*2} Create component datasheet too for parts without auxiliary materials.

III d. Components with plant-specific assembly number



Adjust parts weight to prevent errors.

- 1) Calculate difference between parts weight and “Calculated weight per item” entries.
- 2) Click  , “Node” , and enter “YAMAHA” in part name and part number, “1” in quantity, and the weight calculated in 1) for the added component materials.
- 3) Click  , add published material “YAMAHA” as described in “[III b. Create Supplied Part Data](#)”, and enter the weight calculated in 1) in weight field.



MDS/Module Search

Ingredients * Supplier Data * Recipient data * Analysis

Filter GADSL

ItemAssy

1x Adhesive

10.0g adhesive

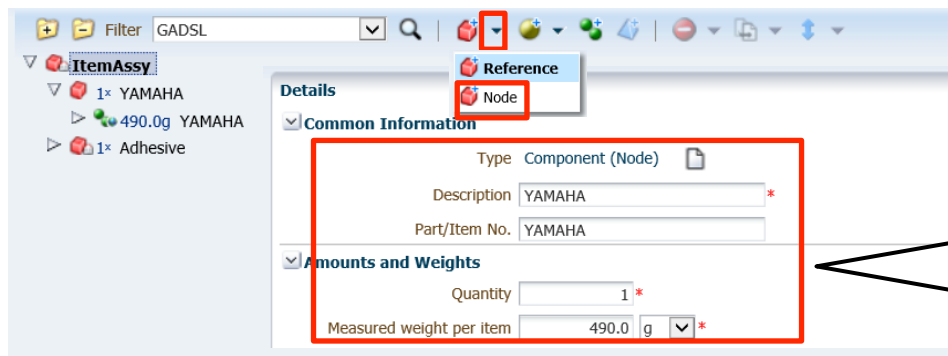
Amounts and Weights

Measured weight per item 500.0 g *

Calculated weight per item 10.0 g

- 1) Calculate difference between parts weight and "Calculated weight per item".

Example: $500 - 10 = 490$ g



MDS/Module Search

Filter GADSL

ItemAssy

1x YAMAHA

490.0g YAMAHA

1x Adhesive

Reference

Node

Details

Common Information

Type Component (Node)

Description YAMAHA *

Part/Item No. YAMAHA

Amounts and Weights

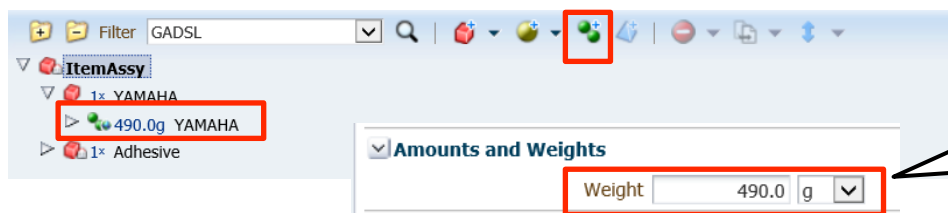
Quantity 1 *

Measured weight per item 490.0 g *

- 2) Add parts to adjust the weight. Enter “YAMAHA” in parts name and number, “1” in quantity, and weight calculated in 1).

Example: enter 490 g.

This component represents total weight of “Item 1”, “Item 2”, and “Bolt”.



MDS/Module Search

Filter GADSL

ItemAssy

1x YAMAHA

490.0g YAMAHA

1x Adhesive

Amounts and Weights

Weight 490.0 g *

- 3) Add published material as described in “[III b. Create Supplied Part Data](#)” and enter the weight calculated in 1).

Example: enter 490 g.

III d. Components with plant-specific assembly number



Run the final steps (choose Contact Person, run error check^{*1}, and release internally).

*Refer to “[III a. Create Component Datasheet](#)”.

MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients * Supplier Data * Recipient data * Analysis MDS Request

Filter GADSL

ItemAssy

- 1x YAMAHA
 - 490.0g YAMAHA
- 1x Adhesive
 - 10.0g adhesive

Description ItemAssy *

Part/Item No. ABC-Y1234-00-00-80

Preliminary MDS ☐

Dates

Check results - 0 Error(s) / 2 Warning(s)

No.	Type	Tab	Node / Recipient	Message
1	Warning	Ingredients	Item Assy	Different types of nodes (components, semi-components, materials) are used at the same level.
2	Warning	Ingredients	YAMAHA	More than 10% not specified substances. ("Not specified" are wild card or confidential substances).

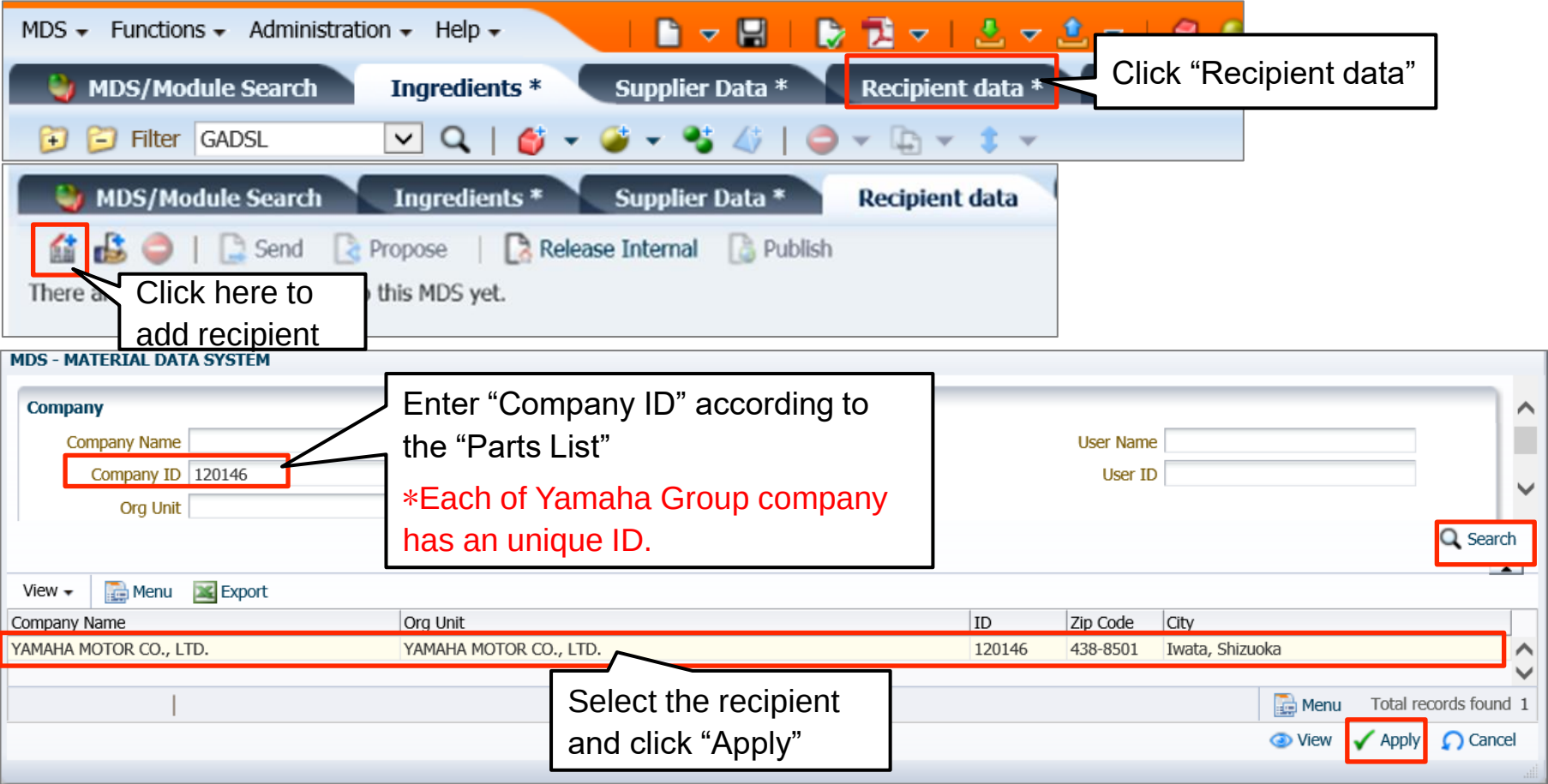
*1 There is no problem when a warning message “Different types of nodes (component, semi-component or material) are used at the same level.” appears. Also, warning on published material "YAMAHA" can be ignored.



IV a. Send datasheet

After completing the datasheet, send it to the recipient who requested.

- Click “Recipient data” and “Add Recipient” ()
- Search with “Company ID”^{*1}, select the appropriate one, and click “Apply”.



The screenshot shows the MDS - MATERIAL DATA SYSTEM interface. The top menu bar includes MDS, Functions, Administration, and Help. Below the menu, there are tabs for MDS/Module Search, Ingredients *, Supplier Data *, and Recipient data *. A callout points to the Recipient data * tab with the text "Click 'Recipient data'".

Below the tabs, there is a toolbar with icons for adding, deleting, and other actions. A callout points to the "Add Recipient" icon (a building with a plus sign) with the text "Click here to add recipient".

The main area shows a form for adding a recipient. It includes fields for Company Name, Company ID, and Org Unit. A callout points to the Company ID field with the text "Enter 'Company ID' according to the 'Parts List'" and a red note: "*Each of Yamaha Group company has a unique ID." The Company ID field contains the value 120146.

Below the form, there is a table of search results. A callout points to the first row of the table with the text "Select the recipient and click 'Apply'".

Company Name	Org Unit	ID	Zip Code	City
YAMAHA MOTOR CO., LTD.	YAMAHA MOTOR CO., LTD.	120146	438-8501	Iwata, Shizuoka

At the bottom right, there is a "Search" button and a "Total records found 1" indicator. Below the table, there are buttons for View, Apply (highlighted with a green checkmark), and Cancel.

^{*1} Refer to "[IMDS Recipient Company ID](#)" to find Company ID of each YAMAHA MOTOR group company.

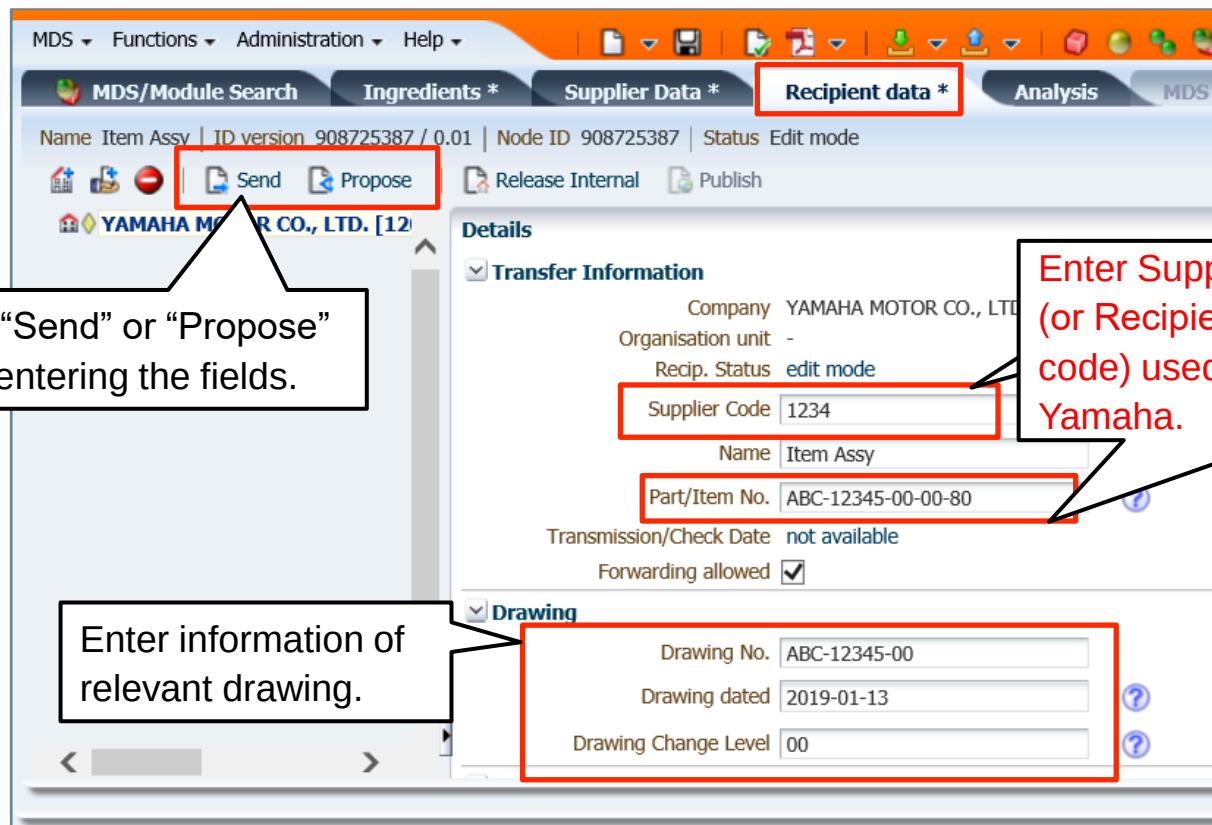
IV a. Submit datasheet

After adding the Recipient ID, enter the appropriate Supplier Code and Part/Item No., and send the datasheet.

- Enter Supplier Code and Part No. (or Recipient's internal material code or material code).

***Apply the item codes used in the transaction.**

- Specify drawing used for the datasheet creation in drawing fields.
- After the data completion, click "Send" (or "Propose" to send to multiple recipients).



MDS ▾ Functions ▾ Administration ▾ Help ▾

MDS/Module Search Ingredients * Supplier Data * **Recipient data *** Analysis MDS R

Name Item Assy ID version 908725387 / 0.01 Node ID 908725387 Status Edit mode

Send Propose Release Internal Publish

YAMAHA MOTOR CO., LTD. [12]

Details

☒ **Transfer Information**

Company YAMAHA MOTOR CO., LTD.

Organisation unit -

Recip. Status edit mode

Supplier Code 1234

Name Item Assy

Part/Item No. ABC-12345-00-00-80

Transmission/Check Date not available

Forwarding allowed ☒

☒ **Drawing**

Drawing No. ABC-12345-00

Drawing dated 2019-01-13

Drawing Change Level 00

Enter Supplier Code and Part No.
(or Recipient's internal material
code) used in the transaction with
Yamaha.

Click "Send" or "Propose"
after entering the fields.

Enter information of
relevant drawing.

IV b. Forward datasheet (for trading companies)

Trading company forwards datasheet from the supplier through IMDS.

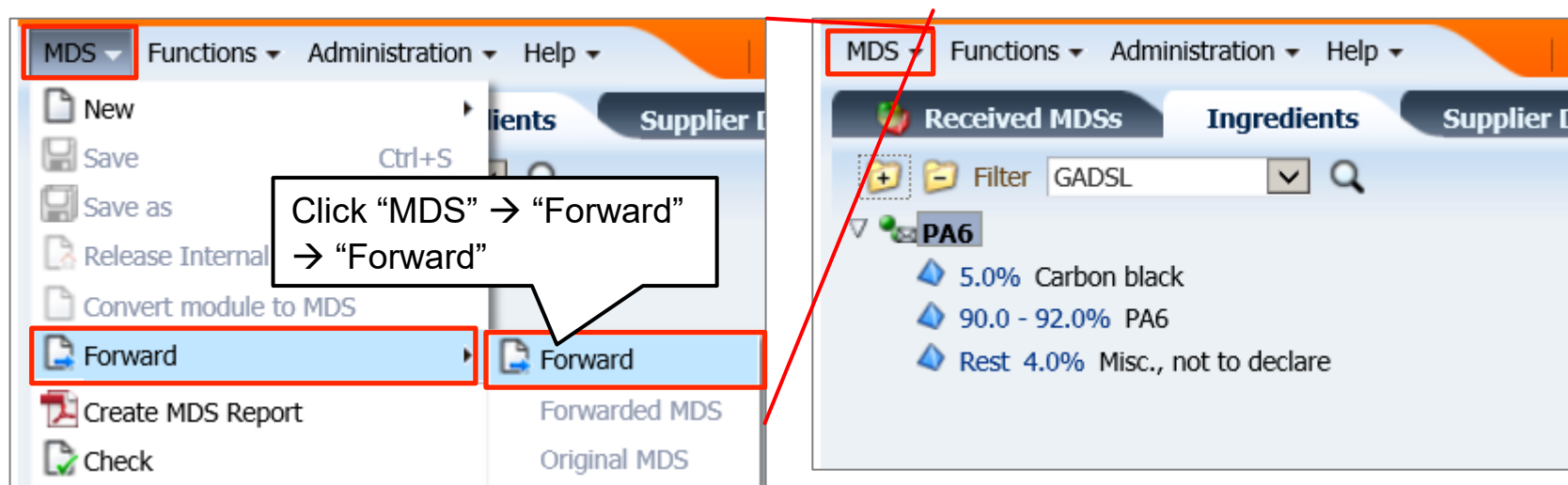
(implement steps in [“II a. Process Received IMDS Datasheet”](#) beforehand)

- Show datasheet forwarded from “Outbox” under “Functions” → “Inbox” → “MDS”.

*For details, refer to [“II a. Process Received IMDS Datasheet”](#).

- Click “Forward” under “MDS” tab.

*Send the data as described in [“IV a. Send Datasheet”](#)^{*1}

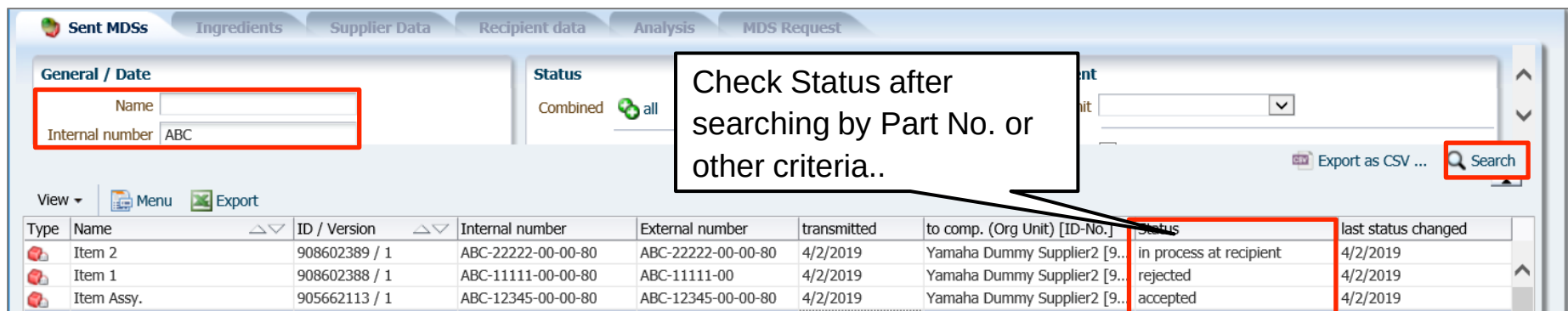
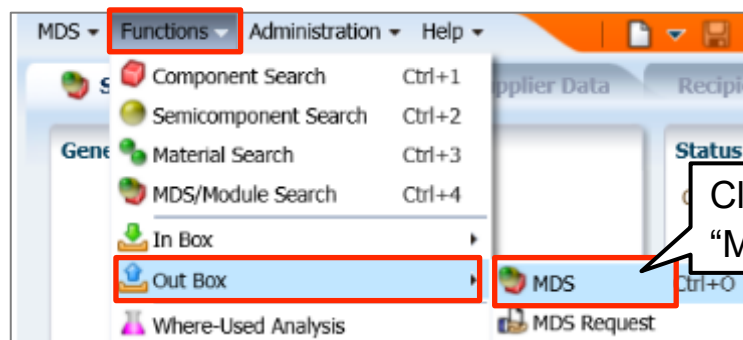


^{*1} Before submission, Contact Person to be selected. Refer to [“III a. Create Component Datasheet”](#).

Check the status of your submitted datasheet. If the status is “rejected”, revise the data.

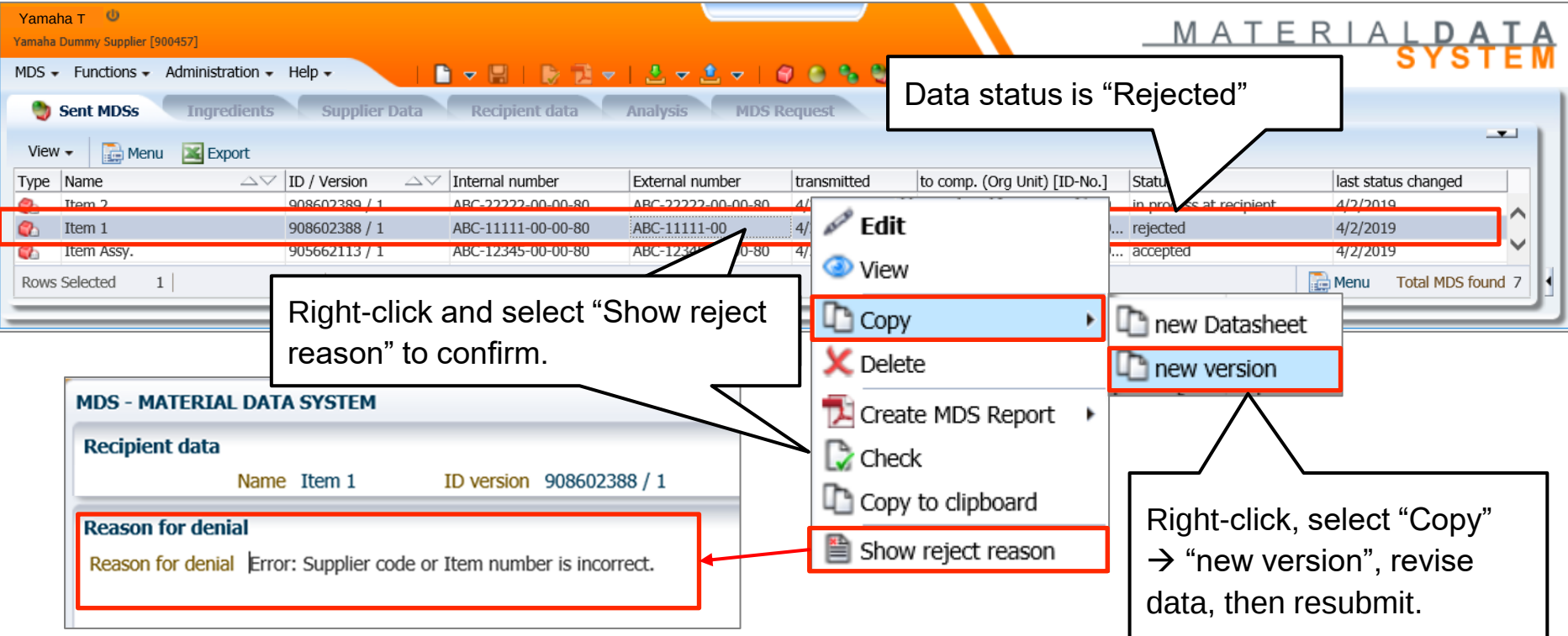
(Note) Refer to “[Change setting to receive notification from IMDS](#)” in References to change your setting to receive e-mail notification from IMDS when your datasheet is rejected.

- Click “Functions” → “Out Box” → “MDS”
- Search datasheet using Part No. or other criteria, then check “Status”.



If the datasheet status is “Rejected”, identify the reason, revise the data, and resubmit them.

- Right-click the rejected datasheet and select “Show reject reason”^{*1}.
- From “Copy”, select “new version”^{*2}, correct the problems, then resubmit.



The screenshot displays the Yamaha MDS - MATERIAL DATA SYSTEM interface. The top navigation bar includes 'MDS', 'Functions', 'Administration', and 'Help'. The main menu has tabs for 'Sent MDSs', 'Ingredients', 'Supplier Data', 'Recipient data', 'Analysis', and 'MDS Request'. A table lists MDS entries with columns: Type, Name, ID / Version, Internal number, External number, transmitted, to comp. (Org Unit) [ID-No.], Status, and last status changed. The table shows three items, with 'Item 1' highlighted in red. A callout box points to the 'Status' column, stating 'Data status is “Rejected”'. A right-click context menu is open over 'Item 1', with options: Edit, View, Copy, Delete, Create MDS Report, Check, Copy to clipboard, and Show reject reason. A callout box points to the 'Copy' option, stating 'Right-click and select “Show reject reason” to confirm.' Another callout box points to the 'new version' option under the 'Copy' menu, stating 'Right-click, select “Copy” → “new version”, revise data, then resubmit.' Below the table, the 'Recipient data' section shows details for 'Item 1' (ID version 908602388 / 1). A red box highlights the 'Reason for denial' section, which states: 'Reason for denial Error: Supplier code or Item number is incorrect.'

Type	Name	ID / Version	Internal number	External number	transmitted	to comp. (Org Unit) [ID-No.]	Status	last status changed
Item 2		908602389 / 1	ABC-22222-00-00-80	ABC-22222-00-00-80	4/		in process at recipient	4/2/2019
Item 1		908602388 / 1	ABC-11111-00-00-80	ABC-11111-00	4/		rejected	4/2/2019
Item Assy.		905662113 / 1	ABC-12345-00-00-80	ABC-12345-00-00-80	4/		accepted	4/2/2019

Rows Selected 1 |

MDS - MATERIAL DATA SYSTEM

Recipient data

Name Item 1 ID version 908602388 / 1

Reason for denial

Reason for denial Error: Supplier code or Item number is incorrect.

^{*1} If the reject reason is shown by error code, refer to “([Supplement IV-1](#)) List of error codes”.

^{*2} Refer to “Latest [Latest version of datasheet Control](#)” for datasheet ID or version,

(Supplement IV-1) List of error codes



Code	Meaning	Troubleshoot
EA03	Supplier code is incorrect.	Verify the supplier code.
EA06	There is a datasheet of same item number but the datasheet ID does not match.	To answer with the same item again, copy as New version so that the original ID can remain.
EA10	The received item number and ID already exist.	When revising data for the existing item number, use the same ID of the data which were sent last time.
EA11	The received ID and version already exist.	This item number was re-sent using the same version that was sent last time. Please try sending this item number using the same ID, higher version. Or release internally and make the version a whole number.
EA13	The data for an item with 2 different item numbers were sent out simultaneously.	The two numbers are the Yamaha part number and the supplier part number. Only the data with the Yamaha number is received. The data with the supplier number is subject to auto rejection. No corrective actions required.
EC03	Weight deviation between parent part and sum of component parts exceeds the IMDS limit value.	Check and revise data such that it does not exceed the limit value.
EC08	Datasheet type is incorrect.	Please create as Component datasheet.
EC14	Some supplied parts from Yamaha are existing in the same hierarchy (level).	Refer to this manual for registering data for parts supplied from Yamaha.
EM08	Datasheet type is incorrect.	Please create as Material or Semi-component datasheet.
The error code will not be included in a notification email. Find out the reason of rejection and revise the data as necessary. If the error remains unsolved, consult the contact shown in the notification email or in this Manual.		

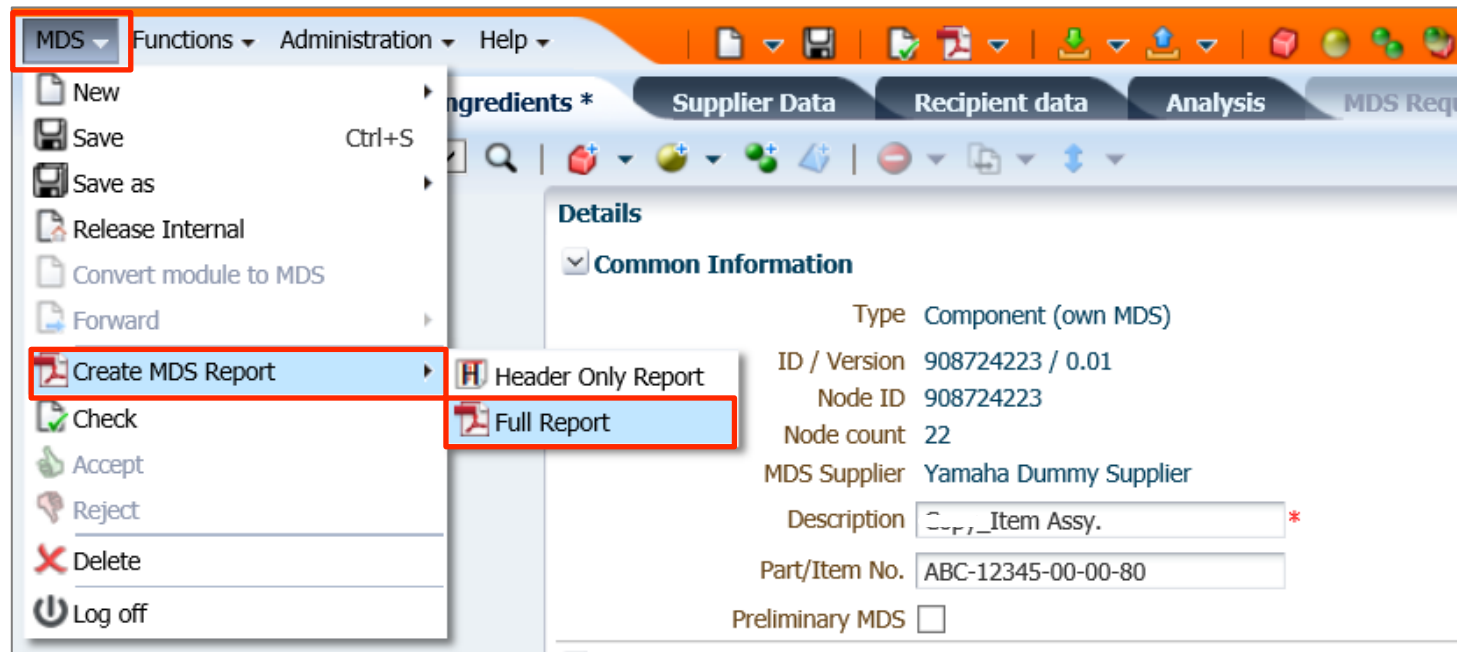
In YAMAHA's system, an ID is linked to each item number submitted through IMDS. And the following cases will be the cause of auto rejection by our system. (EA06, EA10, EA11)

- **Same item number is re-sent with a different ID.**
- **An existing ID is used for a different item number.**
- **Same item number is re-sent with the same version which was sent last time.**

If parts will be assigned with new number due to drawing revision and pre-check is needed at Yamaha Motor group, please provide “Datasheet Report (PDF)”.

(Yamaha internal system cannot identify data with undetermined part number.)

- After editing data in “New datasheet” *¹, click “MDS” → “Create MDS Report” → “Full Report”.
- Print out the report (PDF), mark the revised items with a highlighter, then submit the data.



*1 Change the data ID because the Part Number changed. As for data ID or version, refer to [“Latest version of datasheet control”](#).

References

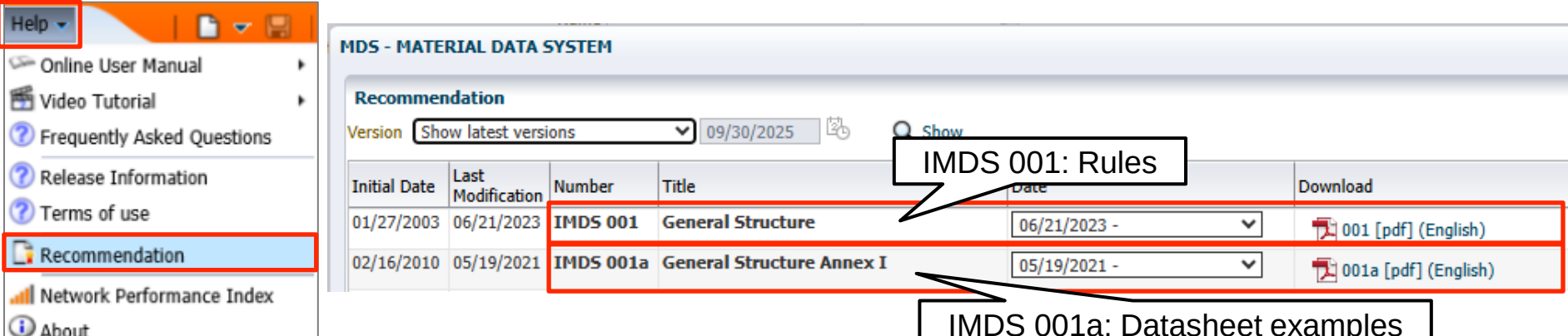
IMDS general rules are written in IMDS 001 Recommendation.

Warning message appears when data does not comply with the rules.

➤ “Help” → “Recommendation” → “IMDS 001”

Warning messages shown at the bottom of this page are very common.

If they appear, confirm the contents in this Chapter with your supplier.



Help

- Online User Manual
- Video Tutorial
- Frequently Asked Questions
- Release Information
- Terms of use
- Recommendation**
- Network Performance Index
- About

MDS - MATERIAL DATA SYSTEM

Recommendation

Version: 09/30/2025 [Show](#)

Initial Date	Last Modification	Number	Title	Date	Download
01/27/2003	06/21/2023	IMDS 001	General Structure	06/21/2023 -	001 [pdf] (English)
02/16/2010	05/19/2021	IMDS 001a	General Structure Annex I	05/19/2021 -	001a [pdf] (English)

IMDS 001: Rules

IMDS 001a: Datasheet examples

Common examples of warning messages:

- Range of portion may not exceed allowed percentage.
- A liquid or a gaseous substance is normally not contained in a solid material.
- A material of classification O.O must contain more than □ % substances of the group “△△”.
- More than 10% not specified substances.
- A polymer material should have at least two substances attached.

<Warning message>

Range of portion must not exceed allowed percentage.

<Relevant rule in IMDS 001>

4.5.4 Portion (Percentage) Ranges

IMDS requires the user to define the portion of a basic substance used in a material. This portion may be a fix percentage value, a range "from X to Y %", or rest (calculated by IMDS).

Rule/Guideline	Description	
Rule 4.5.4.A	The portion type “range” must be used solely to reflect real variations of a basic substance in a material. Ranges must not be used as a means to avoid declaring the full composition of a material.	
Rule 4.5.4.B	If the portion type “range” is selected, the following maximum portion ranges apply:	
	Portion: from X % to Y %	Maximum M = Y % – X %
	0 ≤ X ≤ 7.5	M ≤ 3
	7.5 < X ≤ 20	M ≤ 5
	20 < X ≤ 100	M ≤ 10

<Countermeasure>

Basically, ask your supplier to revise the portion to fit into the range shown in IMDS001.

However, accept the data if the portion reflects the actual product specification and exceeds the allowed range.

<Warning message>

- ii. A liquid or a gaseous substance is normally not contained in a solid material.
- iii. A material of classification ○.○ must contain more than □ % substances of the group “△△”.

<Relevant rule in IMDS 001>

4.4.1 General Information

Rule 4.4.1.B	<u>A material must be described in its end state.</u> Only basic substances contained in the final material are to be reported (example: cured adhesives or paint coatings are entered without the evaporating solvents).
--------------	---

4.5.1 General Information

Rule/Guideline	Description
Rule 4.5.1.A	<u>Basic substances must be entered in the form in which they exist in the material.</u> This means that an elemental breakdown (example: polymers represented by their formulation C, H, N, O) is not allowed.

<Countermeasure>

Check whether the data represents the product's end state or not (refer to the next page). For example, does the data describe adhesive or paints in their liquid state? Is the substance not broken down to elements or not described in the form in which they exist in the material? Ask your supplier to revise the data.

*Refer to Recommendation in IMDS001a for details of material classification.



- A material must be described in its end state.

Example: adhesive after hardening, paint after drying



- Substances must be specified in the form in which they exist.

Example: surface treatment, polymer, glass/ceramics

Surface treatment

Aluminum oxide
☐ Al_2O_3
× Al, O_2

Electric parts

Spark plugs

Glass, ceramics
☐ Glass without declarable substances
× SiO_2 , Al_2O_3 , B_2O_3 , . . .

Polymer

Polypropylene
☐ PP (polymer)
× propylene (monomer)

<Warning message>

- iv. More than 10% not specified substances. (“Not specified” are wild card or confidential substances).
- v. A polymer material should have at least two substances attached.

<Related Rule of Recommendation 001>

4.5.3 Jokers/Wildcards (Highly Confidential Substances)

Rule 4.5.3.E	The sum of confidential substances, including jokers/wildcards for highly confidential substances, must not exceed 10 % of a material. If substance ranges are used, the respective maximum values of the ranges are applied for calculating this sum.
--------------	--

4.4.1 General Information

Guideline 4.4.1.a	A polymer material (classification 5.x) should have at least two substances attached to it.
-------------------	---

<How to deal with Warning message>

This warning usually appears when material manufacturer try to keep their substances confidential. To submit data while keeping the substance confidentiality, refer to the next page.

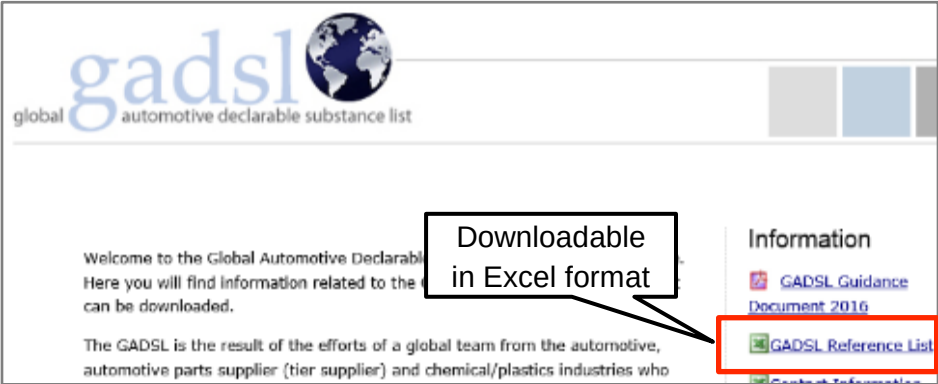
- iv. : Check with your supplier if their material manufacturer can use generic names for the substances instead of wildcard.
- v. : Polymeric material (plastics and elastomers) usually contain additives, such as antioxidant, UV absorbent, plasticizer, thermostabilizing agent, and so on. If polymer contains additives, revise the data accordingly. Datasheet with this warning message can be accepted only if the item does not contain additives at all.

※Refer to IMDS001a for detailed examples of polymeric material entries

- IMDS allows datasheet to be made in a confidential manner.
- The criteria for judging the necessity of data disclosure is whether a substance is listed in "GADSL" (Global Automotive Declarable Substances List) or in EU REACH Candidate List (i.e. SVHC).

[What is GADSL?] <http://www.gadsl.org/>

- A list of substances already regulated or under assessment for future restriction
- Any substances listed in GADSL must be disclosed.
- Substances not listed in GADSL nor in EU REACH Candidate List can remain confidential.



GADSL #	Substance	CAS No.	Classification	Reason Code	Source (Legal requirements, regulations)
1	Acetaldehyde	75-07-0	D	FI	Reg. (EC) No 1272/2008
2	Acetamide, N-methyl-	79-16-3	D	LR	Reg. (EC) No 1272/2008, Classified as toxic to reproduction class 2 Reg. (EC) No 1907/2006 (REACH Candidate List)
3	Acetonitrile	75-05-8	D	FI	Reg. (EC) No 1272/2008
4	Acrylamide	79-06-1	D	LR	Reg. (EC) No 1272/2008 Reg. (EC) No 1907/2006 (REACH Candidate List)

Substances **neither** listed in GADSL **nor** in EU REACH Candidate List can be concealed by one of the following methods:

- Register with generic names
- Assign substance as "Confidential"
- Substitute with "Joker/Wildcards"

*Datasheet must be updated when any substances marked confidential are listed in updated GADSL.

(Warning Message iv. v.) Keeping substance confidentiality in IMDS



[Register substance under its generic name]

- In IMDS, there are substances, such as main substances of polymeric materials, registered under their generic names (refer to the next page).
- Substance whose CAS number is unavailable, thus, they can only be identified by their generic names.

[Confidential substances]

- If you check “Confidential” checkbox, other companies cannot see neither substance name nor CAS No.
- To receive the notifications, check the “Confidential” checkbox for the highlighted substance.
- IMDS can notify you when “Confidential” substances are listed in GADSL in the future. (you need to change the setting on your own)



You only need to check “Confidential” checkbox to conceal your substance.

[Wild card]

- Substance is completely replaced (example: Misc.)
- When GADSL is updated, suppliers must check if the replaced substance is added in the GADSL. **“Confidential” is better than “Wild card” due to easier update management.**

(Warning Message iv. v.) Substances with generic names



There are many main substances of polymers registered in IMDS library without CAS No., which is indicated as “-”.

You can search these substances using keywords in the lower box or by specifying the “Group” as follows:

[Keywords for main substances of plastic and rubber]

- basic polymer
- basic polymer impact modified
- thermoplastic elastomer
- basic rubber
- basic duromer

[Keywords for additives]

- filler: ISO 1043-2
- plasticizer, flame retardant: ISO 1043-3
- fiber: man-made fibre

[Keywords for oil and grease]

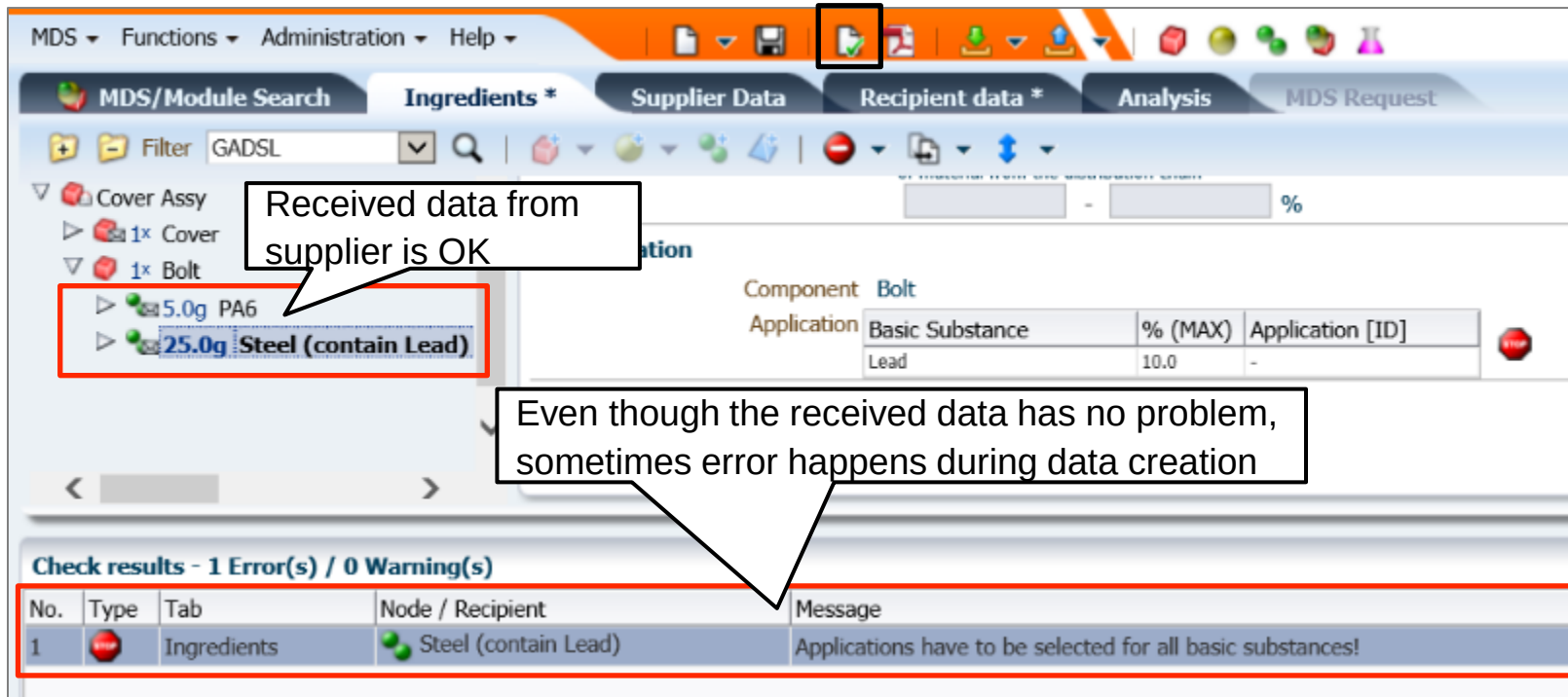
- basic oil
- thickener

Name	CAS No.	EU-Index	EINECS-No
Acaroid Resin	-	-	-
Acrylate Urethane...	-	-	-
Acrylated Epoxy Re...	-	-	-
Acrylic polyol resin	-	-	-
Acrylic resin	-	-	-
Acrylicphenolic Resin	-	-	-
Alkyd resin	-	-	-

Substances without CAS No. are not considered as confidential.

Sometimes error message appears even though there is no problem with the data from your supplier. This means the data contains some specific errors.

You need to correct the errors to be able to send the data.



The screenshot shows the IMDS software interface. The top menu bar includes MDS, Functions, Administration, and Help. The main window has tabs for MDS/Module Search, Ingredients, Supplier Data, Recipient data, Analysis, and MDS Request. The Ingredients tab is active, showing a list of components. A red box highlights the component "25.0g Steel (contain Lead)". A callout bubble points to this component with the text "Received data from supplier is OK". Another callout bubble points to the error message at the bottom with the text "Even though the received data has no problem, sometimes error happens during data creation". The error message is displayed in a table with the following content:

No.	Type	Tab	Node / Recipient	Message
1	Error	Ingredients	Steel (contain Lead)	Applications have to be selected for all basic substances!

[Common error messages during data preparation]

- Specify all applications for all basic substances
- Questions regarding material properties have not been answered
- The referred datasheet has not been internally released

Error message: Specify applications for all substances

- Application [ID] is a code that indicates the intended use of a regulated substance such as lead, which have both prohibited and permitted applications.
- **Because intended uses are different among parts, the manufacturer must specify their applications.**

(Example: Solder used for wiring connections may have a different code with that used for chip mounting even though they are the same solder.

[How to troubleshoot]

- Double click the cell to view the options and select the appropriate one
- * ID: 20 (Other applications) is not acceptable because the substances is basically prohibited and used only for specific applications.**

1x Cover

1x Bolt

5.0g PA6

25.0g Steel (contain Lead)

Application

Component Bolt

Application

Basic Substance	% (MAX)	Application [ID]
Lead	10.0	-

Remarks

Check results - 1 Error(s) / 0 Warning(s)

No.	Type	Tab	Node / Recipient
1		Ingredients	Steel (contain Lead)

Double click

MDS - MATERIAL DATA SYSTEM

Application

Component Bolt

Material Steel (contain Lead)

Basic Substance Lead

Portion 10.0 % (MAX)

ID	Application
15	Valve seats
20	Other application (potentially prohibited)
51	4(b) - Alloying element in bearing shells and bushes in engines, transmissions and air conditioning compressors
52	4(a) - Alloying element in bearing shells and bushes for all other applications (potentially prohibited)

Apply

Cancel

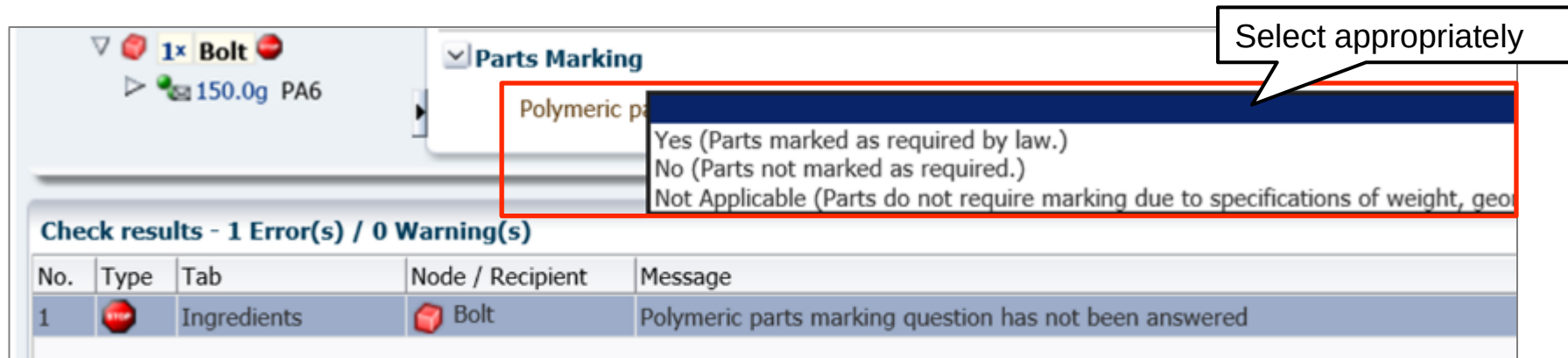
Select the appropriate one

Error message: Questions regarding material properties have not been answered.

- For parts made of plastic or elastomer materials, you must specify the “Parts Marking” by selecting one from the provided choices.

[How to troubleshoot]

- Select appropriately



The screenshot shows a software interface with a dropdown menu for 'Polymeric parts marking'. The dropdown is open, showing three options: 'Yes (Parts marked as required by law.)', 'No (Parts not marked as required.)', and 'Not Applicable (Parts do not require marking due to specifications of weight, geo)'. A callout box points to the dropdown with the text 'Select appropriately'.

Check results - 1 Error(s) / 0 Warning(s)

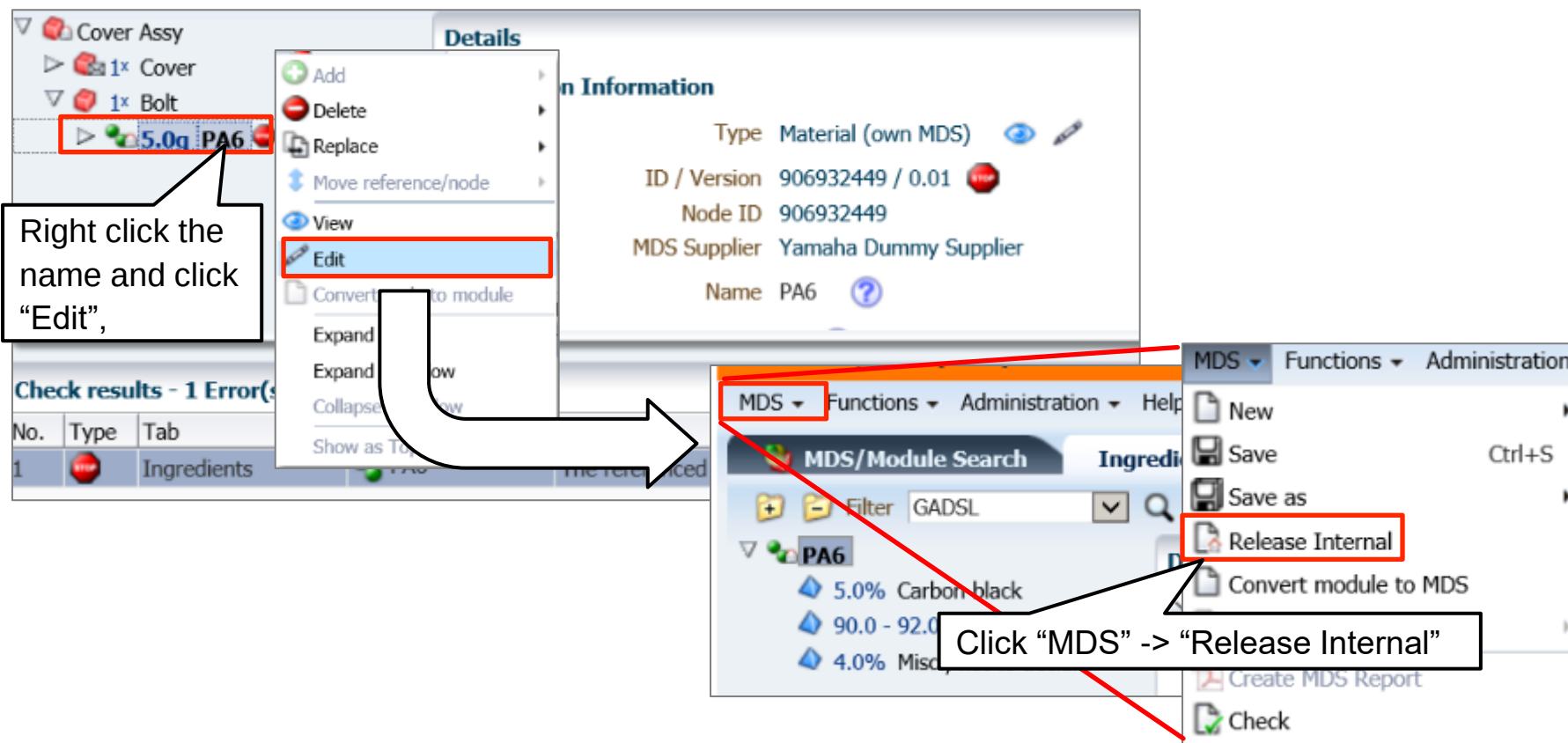
No.	Type	Tab	Node / Recipient	Message
1		Ingredients	 Bolt	Polymeric parts marking question has not been answered

Error message : The referred datasheet or module has not been internally released.

- Release Internal means an operation in which the created datasheet or module is finalized, which is required for sending the data (you will not be able to modify the datasheet after this step).

[How to troubleshoot]

- Right-click the datasheet name, click “Edit”, then click “MDS” → “Release Internal”



The screenshot illustrates the software interface for resolving the error. It shows a tree view on the left with components like 'Cover Assy', 'Cover', and 'Bolt'. The '5.0g PA6' component is highlighted with a red box. A callout box points to it with the text: 'Right click the name and click “Edit”,'. A context menu is open over this component, with 'Edit' selected and highlighted by a red box. A large white arrow points from the 'Edit' option to the 'MDS' menu in the top navigation bar, which is also highlighted with a red box. A second callout box points to the 'Release Internal' option in the 'MDS' dropdown menu, with the text: 'Click “MDS” -> “Release Internal”'. The 'Details' panel on the right shows information for the selected component: Type: Material (own MDS), ID / Version: 906932449 / 0.01, Node ID: 906932449, MDS Supplier: Yamaha Dummy Supplier, and Name: PA6. The bottom status bar indicates 'Check results - 1 Error(s)'.

Change setting to receive notification from IMDS



You can receive e-mail notifications from IMDS by changing the “Personal Setting”. Notifications works as the trigger in initiating your countermeasures in all cases. We recommend subscribing e-mails for the following three events.

- **MDS rejected: correct the data**
- **MDS received: check the data and accept or reject it**
- **Confidential substances in GADSL/Candidate List: update the data and resend.**

[How to change setting]

- Click “Administration” → “Personal Setting”
- Choose events you want to get notified on.

Administration ▾ Help ▾

Personal Settings Ctrl+U

Change Password

Notifications

Information
Please check your user data and settings

User data

Last name Yamaha *

First name Tarou *

Telephone No. +81-538-** *

Fax No.

E-Mail Address Yamaha@yamaha-motor.co.jp

Subscribe e-mails for the following events

☒ MDS rejected

☒ MDS accepted

☒ MDS received

☒ Follow-up due

☒ Conf. GADSL Information

☒ Conf. Candidate List (REACH)

We recommend these three events to subscribe for.

- **For inquiries regarding IMDS System or input method:**

IMDS Service Centers: <https://public.mdsystem.com/web/imds-public-pages/imds-service-centers>

- **For inquiries regarding data**

Environmental Control and Administration Group, Environmental Promotion Division,
YAMAHA Motor CO., LTD.

E-mail: env.tech@yamaha-motor.co.jp

Ver.	Content	Date	Created / Revised by	
1.0	New creation	2018/3/1	YAMAHA Motor Co., Ltd. Environmental Technology Group	Tanada
1.1	Note about data collection (p.6, 12) Note about Mat. No. (p.14) Note about Prohibited substances (p.11, 18) Note about IMDS warning (p.27) Update "How to manage the error" (p.34)	2018/8/30	YAMAHA Motor Co., Ltd. CSR Group	Tanada
2	Changed procedure of Datasheet request Added overview section and refined each step for Datasheet handling	2019/4/16	YAMAHA Motor Co., Ltd. SOC Group	Tanada
2.1	Added Yamaha group companies (YEJP, Y's Gear, YMPJ). Relation to YGK-A-119 explained in the background & objective section. EU REACH O5A principle clarified. Added instructions for Yamaha-supplied material/part and part with plant-specific assembly number.	2020/01/08	YAMAHA Motor Co., Ltd. SOC Group	Tanada Mori
2.2	Added Yamaha group companies (YMUS, YMCA, YMA, YMNZ, YMENV). P.12,13 deleted. Section numbers moved upward. Relevant figures updated. Basically, data is to be forwarded by trading companies. (makers may directly send only if it is under the trading company's management) (P.9) For repair parts, submit data of individual parts (P.12) Added remarks on parts' names (P.13) Clarified explanation on Assembly Item Number (P.55) Errors corrected (P.60)	2025/09/30	YAMAHA Motor Co., Ltd. SOC Group	Matsushita
3.0	1. Updated the IMDS company registration code increase/decrease on pages 2-3 to the latest version. 2. Replaced IMDS screen copies in each manual. 3. Corrected personal names in the sample examples on various screens. 4. Improved the recycling information input manual on page 39. 5. Improved the explanation for IMDS Auto Reject on page 65. 6. Changed the issuer name. 7. Trade Control Department, Environmentally Hazardous Substances Management Group => Environmental Promotion Department, Environmental Control Supervision Group	2025/10/30	YAMAHA Motor Co., Ltd. Environmental Control and Administration Group	Hata