



GM IMDS INSTRUCTIONS

Version 16.0

July 2026



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1. General IMDS information

1.1 GMW3059

General Motors' Restricted and Reportable Substances specification is updated twice a year to reflect changes in substance regulations worldwide. Supplier should purchase GMW3059 which also includes GM restricted substance list called CG4110 via Accuris (formerly IHS). Suppliers must fulfill the requirements listed in GMW3059. Please check if you have the latest version of GMW3059 which is available at Global Engineering Documents Website [GMW Standards - General Motors Worldwide Standards](#)

Nothing in these GM IMDS instructions is to be construed to override or negate the requirements found in GMW3059 and CG4110. Should these GM IMDS instructions conflict with GMW3059 or CG4110 in any way, the requirements in GMW3059 and CG4110 shall be controlled.

1.2 IMDS - International Material Data System – General Information

The IMDS system has been designed jointly by a German carmaker's consortium and EDS (now DXC), a leader in Information Technology systems.

To ensure regulatory compliance with the ELV (End of Life Vehicle)-Directive and any applicable substance regulations over time, it is necessary to document the material and substance composition of the entire vehicle.

IMDS allows the OEM's and the Suppliers to collect and manage information regarding the material and substance composition of all components. IMDS provides OEM's necessary information to document the product compliance to ELV, REACH (the European regulation, Registration, Evaluation, Authorization and Restriction of Chemicals) and other regional requirements.

1.2.1 How to Obtain Access

Suppliers must be registered in the IMDS system to use it. Online IMDS registration is available via the IMDS Public Pages at the IMDS website (www.mdsystem.com).

Open page: www.mdsystem.com

Click on: New at IMDS?

Click on: Company Registration

Click on: <Online Registration>

Click on: Register your company

1.2.2 Help Desks:

The IMDS help desks are available to answer questions concerning the functionality of the IMDS.

Open page: www.mdsystem.com

Click on: New at IMDS?

Click on: Help > Contact > IMDS Service Centers



1.3 When to Submit MDS

International Material Data System (IMDS) submissions for GM vehicle and aftermarket components, assemblies, and accessories are to be submitted prior to non-saleable PPAP and an “accepted” IMDS Status is required for GM Supplier Quality (SQ) to issue full PPAP approval. IMDS also shall be submitted for raw materials approval to GRANTA (GM’s Materials approvals source list).

- Submit IMDS at least 2 weeks prior to non-saleable PPAP date to provide GM time to review submission and allow for any correction loops within the MDS review process.
- IMDS submitted to GM will be changed from “Not yet browsed” status to “In process at recipient” status when the IMDS data is being reviewed using our inhouse IT system.
- A final IMDS status as “accepted” or “rejected” will be provided to the IMDS records once the IMDS review is completed.
- In case of further information is required, the MDS will likely be kept in “In process at recipient” status and GM IMDS team will contact the respective supplier for feedback to proceed with IMDS approval process.

If the MDS cannot be provided in time for your PPAP date, this deviation needs to be documented by an SQMS Action plan. Include the following information in the SQMS Action Plan:

- Confirmation of compliance with GMW3059 requirements
- Target IMDS submission date

1.3.1 Special Circumstances:

IMDS Submission for Part Changes

Material changes should be documented with a GM Part Number change as per GMW17205. Suppliers should always notify the GM responsible engineer for any part that is being changed due to a substance (regulatory or discretionary) change.

Suppliers need to submit an updated Material Data Sheet (MDS) for parts that have changes in chemical content even if the PN itself has not changed (no PPAP event) so that GM has some way of verifying compliance with substance regulations. In this case, suppliers shall submit with same ID but with a higher ID version. This is also valid for temporary usage of a different raw material source.

For parts where two or more raw materials are approved to build same PN and if there is no change in material composition, a new submission is not required. In this case, suppliers need to include in tradename field the tradenames of all possible material sources.

IMDS Submitted Prior to PPAP

To comply with recyclability/recoverability requirements (e.g., Type Approval Directive 70/156/EEC, End of Life Vehicle Directive 2000/53/EC, Korea Resource Circulation Law No. 8045, etc.) or any other specific regional legal requirements, GM may request IMDS data from suppliers prior to PPAP. In this case, suppliers must provide material composition information via IMDS for specific vehicle parts prior to PPAP approval. GM will notify suppliers of affected parts and when material composition information via IMDS is required. Please address your submissions to the correct GM accounts as shown in [Table 1](#).



1.4 Where to Submit MDS

Suppliers should send the MDS to the Engineering division of GM that is (or was) responsible for PPAP, even if the part will be (or is) used by other divisions within GM. This applies whether the parts are new or part changes (If there is an actual part number change/PPAP or not). This information is available from your Quality (or Engineering) organization that is responsible for the part.

- GM Joint Ventures (Shanghai General Motors) have separate IMDS accounts because they are only partially owned by GM. Therefore, IMDS for parts engineered by Joint Venture partners may need to be submitted to both a GM and a JV company IMDS account. (This is also true for parts engineered by GM and used by a GM Joint Venture).
- A list of GM and Joint Venture IMDS accounts is provided in [Table 1](#) (GM) and [Table 2](#) (Joint Ventures).
- In case GM Joint Venture and or Alliance is/was responsible for PPAP, and the part designed by GM engineering will be/is used in vehicles marketed with any of GM brands (ex.: Chevrolet), supplier shall submit IMDS to GM IMDS company ID in which Engineering division of GM is (or was) responsible for engineering the part.
- Do not submit the same IMDS ID to multiple GM IMDS accounts. Instead, it is sufficient to submit IMDS to only one of the GM IMDS accounts listed in [Table 1](#).

Example 1: To obtain a Component PPAP from GM (any Division)

GM Technical Center Korea is responsible for PPAP.

The part will be/is used by GMK and may also be used by another GM division.

- The MDS shall be sent only to the GMTK Korea account in IMDS.

Example 2: To obtain a Component PPAP from GM, also used by Joint Venture partner

GM-NA Vehicle Operations is responsible for PPAP.

However, the part will be delivered to Shanghai General Motors as well.

- Submit IMDS to GM Engineering division ([Table 1](#)) and to SAIC General Motors Propulsion Systems [69064] company ID.

Example 3: To obtain a Component PPAP from Joint Venture Partner, also used by GM Division(s)

In case GM Joint Venture is/was responsible for PPAP, but the part will be/is also used by/delivered to any GM divisions ([Table 1](#)), an additional IMDS submission must be made to a GM IMDS company ID is required ([Table 1](#)).

Example 4: GM “Directed Buy”

Compliance with International Material Data System (IMDS) is required for approved PPAP status and IMDS data may be used by GM for any purpose consistent with the Contract. In cases where GM is responsible for approving sub-supplier PPAP (such as directed-buy RASIC B or consigned parts), IMDS data shall be submitted to both GM and the next higher tier supplier. For example, a Tier 2 supplier of a GM directed-buy part must submit IMDS information both to the appropriate GM IMDS account and to the IMDS account of the Tier 1 receiving the part.

1.5 GM “Catalogue Parts”

IMDS data submission is mandatory for “Off the Shelf or Catalogue Parts”.



Table 1: GM Organization ID Numbers

GM Accounts in IMDS	Company ID#
General Motors - NA Vehicle Operations (includes GM Mexico)	5751
General Motors - GMNA Customer Care and Aftersales	31433
GM do Brasil (Includes all GM South American Countries)	20394
GM Korea Company	49482

Table 2: Additional GM Organization (Joint Ventures) ID Numbers

Additional GM Accounts in IMDS (Joint Ventures)	Company ID#
SAIC General Motors Propulsion System	69064
Shanghai General Motors Co., Ltd.	75773

Note: For GM and PATAC common programs, suppliers should submit MDS to both GM and to SGM Propulsion # 69064 (refer to 1.4). All other PATAC only parts to SGM Co. Ltd # 75773 and SGM Propulsion Systems # 69064 IMDS accounts.

IMDS accounts for General Motors NA - Global Propulsion Systems, GM South Africa, GM Holden and GM India are deactivated. GM suppliers shall submit IMDS to GMNA VO ID# 5751 or to GM region approving PPAP.

1.6 How to Submit MDS

Suppliers must submit IMDS data using the “PROPOSE” function and NOT the “SEND” function in the recipient page of the MDS. When IMDS is rejected, suppliers must NOT modify the rejected IMDS. Instead, corrections to be made in the newer version of the same IMDS ID. GM will reject all IMDS data submitted with “send” function.

The screenshot displays the GM IMDS software interface. At the top, there are tabs for 'MDS/Module Search', 'Ingredients', 'Supplier Data', 'Recipient data', 'Analysis', and 'MDS Request'. Below these tabs, a status bar shows 'Name: Bolt/Flange', 'ID version: 1421082563 / 0.01', 'Node ID: 1421082563', and 'Status: Edit mode'. A toolbar contains icons for 'Send', 'Propose' (highlighted with a red box), and 'Release Internal'. A 'Details' panel on the right shows fields for 'Company', 'Organisation unit', 'Recip. Status: edit mode', 'Supplier Code', 'Name: Bolt/Flange', 'Part/Item No. 1234567', 'Legacy Spare Part' (checkbox), 'Transmission/Check Date: not available', and 'Forwarding allowed' (checkbox). A 'Drawing' section includes 'Drawing No.', 'Drawing dated', and 'Drawing Change Level'. A 'Purchase Order' section is also visible. A 'Check results' dialog box is open in the center, displaying the message: 'The MDS successfully passed all checks. You are about to propose this MDS to all companies listed here that have the recipient status "edit mode" or "modified". Continue?'. The dialog box has 'Propose' and 'Cancel' buttons.



Received MDSs

Ingredients

Supplier Data

Recipient data

Analysis

MDS Request

General / Date

Name

Part/Item No., Item- /Mat.-No., Material No.

84279545

ID

All versions

Preliminary MDS

Date

☐ transmitted (sent/proposed)

☐ last status changed

from

05/26/2025

to

05/31/2025

Status

Combined ☒ all ☒ open MDSs

Single ☒ not yet browsed ☒ browsed ☒ accepted ☒ rejected ☒ modified ☒ cancelled by sender ☒ in process at recipient ☐ Follow Up

View

Menu

Export

Type	Name	ID / Version	Part/Item No., Item- /Mat.-No., Material No.	transmitted
	HARNESS	650186154 / 4	84279545	6/6/2019
	HARNESS	650186154 / 3	84279545	3/21/2019
	HARNESS	650186154 / 2	84279545	3/28/2017
	HARNESS	645966798 / 2	84279545	3/9/2017
	HARNESS	638208943 / 2	84279545	2/2/2017

- New IMDS ID:** First submission of each GM Part Number(s) should be proposed with New IMDS ID
- New Version:** When the GM Part Number(s) requires updating due to Material/Substance/BOM change, use new version of the existing IMDS ID. Do not submit with New IMDS ID when MDS already exists for the part.



1.7 Guidelines for Preventing Common Errors and Rejections

Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
DUNS	The DUNS number mentioned in the MDS is not matching with the DUNS in SQMS	IMDS submission will be required for every unique DUNS number in SQMS
		Check and verify for any typo errors before submitting the IMDS
		IMDS will be rejected if same DUNS number is not available in SQMS at the time of submission
		It is suggested to submit IMDS only after the correct manufacturing DUNS number is available in GM SQMS
		IMDS approval will reflect in SQMS only if same DUNS has been associated for respective PN to ensure PPAP approval
		SQE can be contacted for any DUNS addition/change for specific PNs
IMDS version control	The combination of the PN#XXX and supplier code YYY has already been used for the MDS ID(s) XYZ/1. Please resubmit the PN#XXX and supplier code YYY with IMDS ID XYZ/2	First submission of each GM Part Number(s) and DUNS number should be Proposed with New IMDS ID
		Ensure same accepted IMDS ID is used with higher version for all future submissions of same PN with same DUNS number
		Check that same IMDS ID is not used for multiple PNs with same/different DUNS numbers
MDS Submission	The MDS is rejected for submitting the data using "SEND" functionality. For all IMDS submission to GM, please use "PROPOSE" Function	GM will accept only if the submission is made using PROPOSE function instead of SEND function
		Confirm that decimal numbers are not present in submitted IMDS ID version



Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
Part Number Format [Components and Materials]	Part Number 12345 is not valid GM Part number	Use recipient PN exactly as specified and approved by GM
		Part number should be 6–8-digit number
		Part number should not contain any leading or trailing blank spaces. This will lead to errors in the validation and IMDS will be rejected.
		Part number should not contain any leading or trailing blank spaces. This will lead to errors in the validation and IMDS will be rejected.
		Submit material submissions with material/semi-component node type and not as components
Preliminary MDS	Preliminary MDS marked as Yes	IMDS should not be submitted for prototype parts
		IMDS should be reported completely and accurately as per actual physical part
		IMDS will be rejected if the assembly is submitted with Preliminary MDS marked as YES
Response for clarification	IMDS is rejected as there is no response for our query	GM IMDS team will contact the respective supplier for feedback to proceed with IMDS approval process in case of any change in tree structure or SoC concentration
		Any delay in response or no response for clarification requested by GM would lead to rejection or delay in approval
		It is expected to acknowledge and address the issue within 3 business days



Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
Weight deviation	The weight deviation of one or more components at any level of the IMDS structure exceeds the permitted limit.	Weight deviation refers to the difference between a part's measured weight and its calculated weight, which must be kept within specific, tiered percentage limits based on the part's total weight. Refer IMDS recommendations 001 weights and tolerance section
		Deviation between the Calculated and Measured weight for both component and sub-component should not be more than +/-5%
Part Description	The Part Name "XXXXXX" is not descriptive. The Part Name "montagem do motor" should be in English.	Descriptive and should be in English without Brand/Company Names
		Part Name as described in the Drawing
		Consistency between the part name and the rest of the Subcomponents
Material Name	Material Name "17VFB" is not descriptive.	Material Name must be descriptive, Standard and in English
		Material Name should match with the Material Composition and VDA Classification
Material Classification	Classification in the material Steel wire does not match with the given composition and material name.	Only Active VDA Classification should be used
		The most appropriate Material Classification to be used for the given Material Composition
Material Composition	Material "Steel" classified as 1.1.1 unalloyed, low alloyed contained 90% water.	Material Composition should be declared 100% in the cured state occurring on the final product (e.g., vehicle)
		Do not use the elemental breakdown or liquid/gaseous/reaction residue
		Do not use deactivated materials or substances.
		Material Composition should be appropriate with the given Material Name and VDA Classification



Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
Basic Substance	The Material Steel wire has joker, Misc, not to declare exceeding the 10% limit	Jokers/Wildcard/Highly Confidential Substances shall not exceed more than 10% for the given material Do not use "Not yet Specified, Not to Declare"
	The chemical presence type must be specified for the substance water. For process chemicals, the presence type within the material must be selected (for concentration >0.1%).	Basic Substance which needs Chemical Presence Type should be Marked Mandatorily (Example: Hexachlorobenzene)
	The substance has been deactivated, while references in previously created modules/MDSs.	Contact the supplier and ask for a latest version of the MDS with an updated reference of the basic substance
Deactivated Material/Module/MDS	The material/module/MDS XYZ under the component ABC has been deactivated, while references in previously created modules/MDSs	Contact the supplier and ask for a latest version of the material/module MDS with an updated reference
Tree structure	Different types of nodes (components, semi-components, materials) are used at the same level under the component / Subcomponent	Child nodes of the same parent node must be of the same type (ex. a component parent node may consist of all component child nodes or all material child nodes, but not a mixture of component and material child nodes).
Heavy Metal and Application codes	Annex code 1 has been split into 1(a) and 1(b). Choose the appropriate annex code	The most appropriate Application code should be used based on the actual usage of the Heavy Metals
		Inactive Application codes should be split as per the latest EU ELV Annex II
Substance of Concern (SoC)	Substance XXXXX [CAS no. AAAA-BB-CC] with X% in the material under the component is prohibited as per GMW3059 CG4110.	MDS shall be compliant with substance restrictions and reporting requirements per GMW3059 Specification and associated CG4110 substance list (which incorporates GADSL). Note: GM CG 4110 can include additional substance restrictions and reporting requirements (including different thresholds) than GADSL.



Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
GMW3059 Waiver		Suppliers can request waivers when a MDS is rejected for SoC where the GMW3059 prohibited SoC can be used legally in certain applications or regions of sale, and the immediate removal of the SoC is impracticable. In this case, following MDS rejection, suppliers are required to submit a GMW3059 Waiver Form outlining the plan and timing for phasing out of the SoC
		All the information in the waiver Form should be updated as per the Rejected IMDS containing SoC
		For GMW3059 waiver Form, refer to the latest GMW3059 "CG4110"
		The waiver form is not an authorization for the change of a part or component. Any changes to parts or components must be authorized through the GM Engineering Work Order (EWO) process. (See the Waiver Form and Waiver Form Instructions tabs of CG4110.) No waiver will be approved if it creates a condition of non-compliance with legal requirements.
SoC Change Confirmation Form		When a SoC is removed, eliminated, deleted, or change in Percentage [%] Composition in the latest IMDS submission, SoC Change confirmation approval is required.
		Justification on the changes in SoC, Date of change of SoC, Stock of the part still containing the SoC must be provided
		All the information in the SoC Change Confirmation Form should be updated as per the MDS containing the affected SoC
		To get the SoC Change Confirmation form please contact GM helpdesk at gm-imdshelpdesk@gm.com



Common Errors/Rejections	Rejection Reasons	Suggestions to avoid rejections
Parts Marking		Physical Parts Marking is mandatory if the total weight of the plastics exceeds more than 100 g and the total weight of the rubber exceeds more than 200 g.
		Parts marking needs to be captured in the IMDS.
		Parts marking on the physical product/part should match the parts marking in the IMDS

Component Level Errors: Ingredients Chapter

Component Search | **Ingredients *** | **Supplier Data** | **Recipient data** | **Analysis** | **MDS Request**

Filter: GADSL | show regulatory information

Bolt Flange

- 5.0g SCM435
- 0.05g GMW3179 code G

Details

Common Information

Type: Component (own MDS)

ID / Version: 831433853 / 0.01

Node ID: 831433853

Node count: 21

MDS Supplier:

Description: Bolt Flange *

Part/Item No.: 12345678

Preliminary MDS: ☐

Dates

Create Date: 5/21/2019 ?

Check/Release Date: not available ? Recommendation

Amounts and Weights

Measured weight per item: 5.0 g *

Calculated weight per item: 5.05 g

Deviation: 1.0% ?

- **Part/Item No.** : For Component MDS, GM Part number is generally 6 -8 digits
- **Description** : Descriptive and should be in English as per Drawing
- **Preliminary MDS** : Preliminary MDS should not be marked as "Yes"
- **Deviation** : Deviation as mentioned in the Appendix 1 : GM IMDS Checklist



Component Level Errors: Ingredients Chapter

Received MDSs

Ingredients

Supplier Data

Recipient data

Analysis

MDS Request

Filter

GADSL

Y2BC Mirror Assembly

1x GM.Y2BC.RH.ASP.BSM.EC.CR.

1x Carrier, GM Y2BC ZERV, RH Aspheric

1x OEC Harness

1x Heating element

1x PCB assembly - 02 If

1x PCB components

1.95g PCB-High Component Load without Lead Ceramics

0.5 - 1.5% PCB-ceramics without lead, High Component Load

25.0 - 28.0% PCB-metals, High End

9.0 - 13.0% PCB-special metals, High Component Load

19.0 - 24.0% PCB-epoxy for PCB laminate, High Component Load

5.0 - 8.0% PCB-epoxy for components, High Component Load

6.0 - 9.0% PCB-Organics, High End

23.0 - 27.0% PCB-Inorganics/glass, High End

1x Solder

0.05g Solder LF

1x Lens Car 1/2 BSM Reverse Mount LEDs, LH

Details

Common Information

Type Component (received MDS)

ID / Version 836319719 / 1

Node ID 836319719

Node count 2154

MDS Supplier SMR Automotive Systems India Ltd

Description 120L mirror assembly

Part/Item No. 04747265

Preliminary MDS INV

Dates

Create Date 6/6/2019

Check/Release Date 6/6/2019

Recommendation

Amounts and Weights

Measured weight per item 1652.7 g

Calculated weight per item 1652.827 g

Component

:

MDS to be submitted as Component when represent a single part or a complete assembly

Semi - Component

:

MDS to be submitted as a semi-component when it is a semi-finished product that will go through further process steps (example: cutting, stamping) to make a finished component. (Example: steel coil, pipe, leather hide, plated steel)

Materials

:

MDS to be submitted as Material when it represents the Raw Material, Non - dimensional Parts (Example: Adhesive, paints, Coatings)

1.8 Active Contact in IMDS

Before sending any Material Data Sheet to a customer, an IMDS contact must be defined. Suppliers are advised to update their current IMDS contact information on the supplier data page and activate email notifications. This ensures they receive immediate emails when an IMDS is approved or rejected.

Subscribe e-mails for the following events

- MDS ☒ MDS rejected
- ☒ MDS accepted

MDS/Module Search

Ingredients *

Supplier Data *

Recipient data *

Analysis

MDS

Name Component_1454910250

ID version 1454910250 / 0.01

Node ID 1454910250

Status Edit mode

Company

Company General Motors- NA Vehicle Operations

Organisation unit General Motors- NA Vehicle Operations

Company ID 5751

Company ID 5751

DUNS Number -

DUNS Number -

Company Address

Company Address

Contact Person

Contact Person IMDS Helpdesk, General Motors

E-Mail gm-imdshelpdesk@gm.com

Telephone No. -

Fax No. -



1.9 Rejection Reason / Reason for denial:

IMDS rejection reasons include incorrect or missing information, non-compliance with GM's IMDS rules and IMDS committee's rules. Suppliers should refer to the rejection reason before resubmitting the IMDS. Refer to Section 1.7 and Appendix 1: GM IMDS checklist.

Reason for denial

Reason for denial RC # 25(For GM Internal Use Only)

To whom so ever it may concern,

The IMDS data is rejected for:

The DUNS number mentioned in the MDS is not matching with the DUNS in SQMS.

For any question, please contact the undersigned

Regards,

1.10 IMDS approval update in GM SQMS

Once an IMDS gets approved/rejected, it would take around 24 hours for the IMDS status to reflect in GM SQMS.

Evaluation: MaterialAnalysis				
		International Material Data System	IMDS ID Missing	IMDS ID Missing

Evaluation: MaterialAnalysis				
		International Material Data System	IMDS Module-Version IMDS Edited Date	IMDS Approved

1.11 "Material Sequencer Parts" MSA Waiver

MSA waiver is valid for one calendar year and issued for one DUNS/Supplier code. Suppliers need to get approvals for next calendar year. MSA waivers will be approved by both SQE and materials engineer.

1.12 GM Customer Care and Aftersales

Any part or its component parts approved for production will not require an additional or separate IMDS approval from GMNA Customer Care and Aftersales when the parts are shipped for service or become past model unless there is a change in the manufacturing location. When required, submissions for GMNA CCA are to be made under the DUNS code for the manufacturing location only, not for a warehouse or shipping location. A change in the shipping location only does not require new or additional approval for GMNA CCA.



IMDS submissions are required for parts that are active for service. This includes parts that were never used for vehicle production as well as parts previously used for vehicle production which no longer have active production applications. There is no exception for service only parts, including Aftermarket parts, Performance, Remanufactured and Refurbished Parts. IMDS is also required for all chemicals and fluids supplied for service.

Refer section 1.3.1 for information on IMDS Submission for Part Changes.

2. GM Mandatory Information

GM requires that suppliers follow the IMDS Recommendations 001 to 023 as listed on the IMDS website under recommendations (www.mdsystem.com Login with your user ID). This allows suppliers to develop a standard process for developing material data sheets. This is applicable to all types of suppliers including Tier-1, Tier-2, GM directed-buy suppliers, etc. The following paragraphs list GM specific requirements in addition to the IMDS recommendations.

2.1 GMW3059 Confirmation

Suppliers, as part of their contract with GM and the use conditions, have committed to disclosing their restricted and reportable substances and to comply with the GM requirements as stated in GMW3059. This data must be specific enough for the GM reviewers to tell whether the MDS meets legal requirements as well as GM specifications.

2.1.1 Acceptance/Rejection of Material Data Sheets, Waivers and SoC Change Confirmation

GM will reject all Material Data Sheets containing substances or application codes that are prohibited in any major region (marked as “P” or Declarable/Prohibited “(D/P)” on GADSL and/or CG4110). In situations where the “regionally prohibited” SoC can be used legally in another region or Usage, and the immediate removal of the SoC is impracticable, suppliers are required to submit a waiver Form outlining the plan and timing for phasing out of the SoC or usage. Unless otherwise directed, this phase-out is to occur as soon as possible but no later than during the next major model year enhancement or new vehicle, whichever comes first. The waiver form is not an authorization for the change of a part or component.

Any changes to parts or components must be authorized through the GM Engineering Work Order (EWO) process (See the Waiver Form and Waiver Form Instructions tabs of CG4110). No waiver will be approved if it creates a condition of non-compliance with legal requirements.

New Material Data Sheet (MDS) containing changes in SoC content compared to previous version needs additional clarification by supplier. GM IMDS review engineer may ask for reasons for changing SoC content compared to previous approved/rejected MDS version.

Suppliers required to respond by filling “SoC Change Confirmation” form. IMDS will be reviewed and approved only after approval of “SoC Change Confirmation” form.



Example: SoC change confirmation form

SoC Change Confirmation Form: July 2019 version									
Assembly (also Part Information)					Supplier (also Supplier Information)				
GM Part Number(s): (Enter GM part number only)					Supplier Part Number(s): (Enter supplier part number only)				
Part Name: (Enter part description as per change)					Part Name: (Enter part description as per MDS)				
Part Type (Production and/or Service): (Enter part type)					Comments: (Include any additional information)				
MDS ID / Version Number: (MDS ID is the MDS ID of the version of the MDS that contains the change in SoC content)									
Manufacturer/Supplier Information									
Company Name:					Address:				
Mailing Address (USPS Number): (Enter the mailing address as per MDS submission)					City/State:				
Customer Contact Name:					Phone:				
Customer Contact Email:					Email:				
MDS ID applies to all the MDS part numbers which SoC is updated / changed / eliminated. XXXXXX is the MDS ID and version number of the MDS ID version containing the SoC.									
Component of Assembly			Material		Substitute (SoC)		Reason for substitution (for removal / deletion / elimination / change of application code classification / material description of SoC in the MDS version)		
Part No.	Name	Mass (g)	Name	Mass (g)	GM No.	Name	SoC content (by weight of material)	Reason for substitution (for removal / deletion / elimination / change of application code classification / material description of SoC in the MDS version)	Date of change of this SoC in the part
Material sub-component part number	Material sub-component part name	Material weight of the part in sub-component as per MDS	Name of the material	Material weight as per MDS	GM number of the SoC	Name of the SoC as per MDS	SoC content (by weight of material)	Reason for substitution (for removal / deletion / elimination / change of application code classification / material description of SoC in the MDS version)	Material the date when SoC was changed in the part
Supplier Certification: (See Note 1)									
Signature: (Sign over name and date to certify all listed information is true and correct)									
Printed Name: _____									
Date: _____									
Important Information:									
Note 1: The supplier must inform GM about the change in material composition and request a higher MDS version with the new material composition.									
Note 2: Inform GMDC and regional Materials Engineering with all there are any changes in the supplier contact information.									
Note 3: This form is not an authorization for a change to the design of the part. Any changes to parts must be authorized through GM's ERO process.									
Note 4: All fields are mandatory.									

SoC Change Confirmation Form: All the information in the SoC change confirmation form should be filled as per the MDS containing the affected SoC

Example: GMW3059 Waiver form

GMW3059 July 2014: GMW3059 Waiver Form									
Assembly (also Part Information)					Supplier (also Supplier Information)				
GM Part Number(s): (Enter GM part number only)					Supplier Part Number(s): (Enter supplier part number only)				
Part Name: (Enter part description as per change)					Part Name: (Enter part description as per MDS)				
Part Type (Production and/or Service): (Enter part type)					Comments: (Include any additional information)				
MDS ID / Version Number: (MDS ID is the MDS ID of the version of the MDS that contains the change in SoC content)									
Manufacturer/Supplier Information									
Company Name:					Address:				
Mailing Address (USPS Number): (Enter the mailing address as per MDS submission)					City/State:				
Customer Contact Name:					Phone:				
Customer Contact Email:					Email:				
Component of Assembly			Material		Substitute		Reason for substitution		
Part No.	Name	Mass	Standard No.	Name	Mass of Material in Component	GM No.	Name	Material Mass Percent of Substance in Material	Reason for substitution
Material sub-component part number	Material sub-component part name	Material weight of the part in sub-component as per MDS	Standard number of the material	Name of the material	Material weight as per MDS	GM number of the SoC	Name of the SoC as per MDS	Material Mass Percent of Substance in Material	Reason for substitution
Supplier Certification: (See Note 1)					GM Approval to Use: (See Note 2)				
Signature: (Sign over name and date to certify all listed information is true and correct)					Waiver No.: _____				
Printed Name: _____					Waiver Expiration Date: _____				
Date: _____					Date: _____				
Note 1: The supplier must keep GM informed of the waiver status and submit a new MDS with the new material composition when a replacement part is issued.									
Note 2: Inform GMDC and regional Materials Engineering with all there are any changes in the supplier contact information.									
Note 3: This waiver form is not an authorization for a change to the design of the part. Any changes to parts must be authorized through GM's ERO process.									
Note 4: Supplier must fill out all fields in this form according to the instructions listed in the "Waiver Form Instructions" tab.									

GMW3059 Waiver form: All the information in the waiver form should be filled as per the MDS containing the affected SoC

2.2 Supplier Code

The supplier code (see "recipient data"-tab in IMDS) is the "manufacturing DUNS" as documented in the Supplier Quality Management System [SQMS] for the part. The DUNS number is a nine-digit number. (Format for DUNS number: XX-XXX-XXXX).



The DUNS number is required in every IMDS submission to GM. The DUNS number (combined with the part number) in IMDS must match the DUNS number and Part Number in SQMS to display the “IMDS approved” status in the SQMS record. IMDS approved status is REQUIRED for full PPAP approval by GM.

Note: The IMDS will be rejected if the DUNS Number mentioned in the Supplier code field of the Recipient page is not matching with DUNS number in SQMS.

2.3 Instructions for Production Parts

2.3.1 Part/Item No.

Input the GM Part number of the part/assembly. The part number is generally a six, seven- or eight-digit number, with no dashes, spaces, or letters. To have IMDS approval information appear in the Supplier Quality Management System [SQMS], both the Part Number and DUNS.

Part Number in IMDS (see 3.2 Supplier Code) must match the Part Number and the DUNS Number in SQMS record for the part that is going through PPAP.

2.3.2 Part Description

Input the English name of the part as described on the GM drawing. Use a name that describes the part and is according to the sub-components in the BOM (e.g., Bolt, A-pillar trim assembly, NOT 12756D). Do not include brand or company names in the description.

2.3.3 Preliminary MDS

IMDS with Preliminary MDS checked is not acceptable for regular Production Part. GM no longer accepts Preliminary MDS marked “Yes” (prototype parts).

2.3.4 Part Weight

Suppliers are expected to determine the mass by taking an average mass of ten randomly selected parts. Suppliers are responsible for ensuring that appropriate calibrations of all weighing equipment have been conducted as per ISO/QS9001:2000 and ISO/TS16949 requirements. The preferred unit of measure is kilograms (kg). Values should be entered into 2 decimal places (i.e., X.XX kg). Deviation between the Calculated and Measured weight should not be more than +/-5% for component and sub-component parts. Refer IMDS recommendations 001 weights and tolerance section.

2.3.5 Material Level

Input the material information for every component part. 100% of the substances at the material level must be identified. Material name must include the common material name (steel, polypropylene, etc.) Materials must not be “undetermined” or “unspecified”. Material content must reflect the current part. For further material-related data (e.g., Material suppliers, trade name and symbols for plastics) please follow the rules and guidelines of REC001.

2.3.6 Basic Substances

The reported substances should match with the composition of currently supplied part. The use of jokers should be avoided. Instead, the “confidential” functionality can be used, if necessary. In both cases, the rules and guidelines of REC001 need to be followed.



2.3.7 Application Code

Application Codes are updated in the IMDS system and are based on the legal requirements from both European Union (EU) ELV Annex II regulation and other equivalent regulations, such as for South Korean regulations.

The application codes must be entered accurately so that GM can verify that the parts are compliant to all applicable regulations. GM requires suppliers to update their IMDS if an existing part with an IMDS containing deactivated/expired application codes.

The supplier must verify the accuracy of the application codes used in the IMDS before proposing to GM.

The screenshot shows the GM IMDS software interface. The 'Application' tab is selected, displaying a table of application codes for the component 'Bolt Flange'. The table has columns for 'Basic Substance', '% (MIN)', '% (MAX)', and 'Application [ID]'. The 'Lead' application code is highlighted.

Basic Substance	% (MIN)	% (MAX)	Application [ID]
Lead	0.2	0.35	1(a) - Steel for machining purposes and batch hot dip galvanised steel components containing up to 0.35% lead by weight [69]

- **Application Code:** The most appropriate Application code should be used based on the actual usage of the Heavy Metal. Inactive application codes should be split as per the latest EU ELV Annex II.

2.4 Recommendation IMDS-019 modules for E/E components

GM will reject all Material Data Sheets submitted to GM using the deactivated modules published under Recommendation IMDS-019 for electronic and electric components used in the production of vehicles. GM will not be rejecting service parts for legacy vehicles currently. Service parts should be mandatorily marked as LSP "YES" in IMDS. General Motors encourages all suppliers to submit IMDS data according to Rec. IMDS 001 for electronic components and materials at all levels of the supply chain.

2.5 Instructions for Productive Materials/ Chemical Products

IMDS is a mandatory part of the GM Approval process for materials approved to GM Material Specifications.

An IMDS submission is required for each supplier formulation number / for each product. IMDS submissions which do not meet GM requirements and format, will be rejected.



Suppliers are advised to report usage of Biocides (See GADSL for full list of biocidal substances) and Naphthalene [CAS# 91-20-3] in all IMDS submissions to GM. IMDS submissions containing these substances may be rejected if they do not meet GM requirements.

Refer Appendix#2 “Supplier IMDS Entry Instructions for New GM Material [mMDS] Certifications” for detailed submissions requirements.

3. IMDS Creation Process

3.1 For the step-by-step procedure for creating a material in the IMDS system, please refer [Create Tips: Material](#)

3.2 For the step-by-step procedure for creating a component in the IMDS system, please refer [Create Tips: Component](#)

3.3 Less Finish Parts

IMDS submissions are needed for Less Finish parts under the following circumstances:

- Less Finish parts that are sold as service parts.
- Directed-buy parts that are also Less Finish parts.
- Less Finish part IMDS submissions should be created under the GM Less Finish part number.

4. Recycled Content Reporting

Per GMW3059 section 3.2.5, GMW14270 and GMW3116 section 3.4.4, suppliers are required to report on the recycled content of materials, components and parts supplied to GM in their IMDS submissions. Suppliers must report the weight percent range of post-industrial/pre-consumer recyclate and post-consumer recyclate utilized in the part. Regrind/home scrap is not considered recycled content in the IMDS submissions. GM may reject IMDS submissions for improperly reported recycled content. GM acceptance of a supplier IMDS submission which includes recycled content reporting does not imply that GM has approved the use of recycled content for that specific part/application. The supplier is responsible for working with the GM Design Engineer and/or GM Materials Engineer to verify that it is acceptable to use recycled content during part development.

All the metal mMDS should be submitted as a semi-component. Suppliers are recommended to update recyclate information of the materials before sending it to GM.

Recycled content material shall be used where technically feasible and economically viable. Select materials that have post-consumer or post-industrial recycled content that have been approved to GM Material Specifications. Post-consumer material (aka end-of-life waste or material), per ISO14021, is generated by households or by commercial, industrial, and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose.



Example: Recyclate information for a Metal mMDS

MDS - MATERIAL DATA SYSTEM

Source of material, including circular materials

Content of inorganic or fossil-based material
100.0 - 100.0 % ?

Does the material contain recyclate?
Yes

Content of primary inorganic or fossil-based material
0.0 * - 5.0 * %

Content of recyclate
95.0 * - 100.0 * %

Content of mechanical recyclate thereof
95.0 * - 100.0 * % ?

Content of pre-consumer recyclate thereof
0.0 * - 30.0 * % ?

Content of post-consumer recyclate thereof
70.0 * - 100.0 * % ?

Content of chemical recyclate thereof
0.0 * - 5.0 * % ?

Content of pre-consumer recyclate thereof
0.0 * - 0.0 * % ? mass-balanced Yes * ?

Content of post-consumer recyclate thereof
100.0 * - 100.0 * % ? mass-balanced No * ?

Certified according to
? ?

✓ Apply ↻ Cancel

Example: Recyclate information for a Plastic mMDS

MDS - MATERIAL DATA SYSTEM

Source of material, including circular materials

All values entered here refer to the entire material, not only the polymer content. E.g., in case of filled polymers the recyclate content can only be 100% if the filler material is also 100% recyclate.

Content of inorganic or fossil-based material
100.0 * - 100.0 * % ?

Does the material contain recyclate?
Yes

Content of primary inorganic or fossil-based material
35.0 * - 35.0 * %

Content of recyclate
65.0 * - 65.0 * %

Content of mechanical recyclate thereof
100.0 * - 100.0 * % ?

Content of pre-consumer recyclate thereof
100.0 * - 100.0 * % ?

Content of post-consumer recyclate thereof
0.0 * - 0.0 * % ?

Content of chemical recyclate thereof
0.0 * - 0.0 * % ?

Content of bio-based material
0.0 * - 0.0 * % ?

✓ Apply ↻ Cancel



This includes returns of material from the distribution chain. Post-industrial or pre-consumer material (aka prompt industrial scrap or prime scrap), per ISO14021, is diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being recovered and consumed within the same process that generated it (aka home scrap or run-around scrap), per ISO14021. Post-industrial waste is product or material that has been generated as a by-product of a given process which has a form that is significantly different than that of the original material and therefore cannot be recycled back through the same general process.

5. Material Marking (or Parts Marking)

Physical Parts Marking is mandatory according to ISO 1043-1, ISO 1043-2, ISO11469 and ISO 1629 in case one or more child nodes are as below:

1. Total weight of plastics (material classification 5.1.x, 5.4.x, 5.5.x) exceeds 100g
2. Total weight of rubbers (material classification 5.2, 5.3) exceeds 200g

Parts marking should match IMDS and physical product. Refer to page no. 66 to 68 of IMDS user manual public.mdsystem.com/documents/d/imds-public-pages/imds_usermanual_15-0_en

The screenshot displays the GM IMDS web application interface. The top navigation bar includes 'Functions', 'Administration', and 'Help'. The main content area is titled 'MATERIAL DATA SYSTEM' and shows the 'My Parts Marking component' details. The 'Details' section includes 'Common Information' (Type: Component (from MDG), ID / version: 33382518 / 0.01, Node ID: 33382518, MDG Supplier: My Test Company 3rd, Description: My Parts Marking component, Part/Item No.: 133466788, Development Sample Report: [X]) and 'Dates' (Creation date: 3/27/2013, Check/Release Date: not available). The 'Parts Marking' section includes 'Amounts and Weights' (Measured weight per item: 330.0 g, Tolerance +/-: 0.0 %, Calculated weight per item: 0.0 g, Deviation: -100.0%) and a 'Parts Marking' dropdown menu with 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, geometric restriction or surface requirements.)'.

- “Yes” should be selected if the actual physical part has been marked.
- “No” should be chosen if there is a parts-marking requirement (e.g. on the design drawing), but the part is not marked.
- “Not Applicable” can be selected if weight, dimensioning, or surface does not permit marking.



6. Acronyms, Abbreviations and Symbols

CAS	Chemical Abstracts Service
CL	Candidate List
D	Declared
DRE	Design Release Engineer
DUNS	Data Universal Numbering System
ELV	End of Life Vehicle
EU	European Union
GADSL	Global Automotive Declarable Substance List
GASG	Global Automotive Stakeholders Group
IMDS	International Materials Data System
JV	Joint Venture
LSP	Legacy Spare Part
MDS	Material Data Sheet
mMDS	material Material Data Sheet
MY	Model Year
N/A	Not applicable
OEM	Original Equipment Manufacturer
P	Prohibited
PPAP	Production Part Approval Process
ppm	Parts per Million
REACH	Registration, Evaluation, Authorization and Restriction of chemicals
SNAC	Significant New Activity
SoC	Substances of Concern
SQMS	Supplier Quality Management System (GM)
SVHC	Substances of Very High Concern
TA	Type Approval

7. Contacts

For any GM IMDS queries, contact GM IMDS helpdesk at gm-imdshelpdesk@gm.com



Appendix 1: Supplier IMDS Entry Instructions for New GM Material [mMDS] Certifications

General Submission Requirements: Structure

- IMDS Material Data Sheets must be submitted for all new GM Material Approvals (mMDS).
- mMDS should be submitted by the supplier providing the raw material, non-dimensional material and/or bulk materials.
- Restricted/Reportable chemical disclosure as per GMW3059/CG4110 list is Mandatory.
- Suppliers are advised to report usage of Biocides (See GADSL for full list of biocidal substances) and Naphthalene [CAS# 91-20-3] in all IMDS submissions to GM. IMDS submissions containing these substances may be rejected if they do not meet GM requirements.

Filter: GADSL

show regulatory information

Regulation Wizard

Material language: English

Details

Common Information

Type: Material (own MDS)

ID / Version

Node ID

MDS Supplier

Name: Test Material 1

Trade name: -

Internal Mat.-No.

Preliminary MDS: No

Dates

Amounts and Weights

Material Information

Recycle

Remark

Remark: -

Regulatory Information

Biocidal Product Regulation

History: 1 (valid since 02/08/2017)

Still in production? Yes

Basic Substance	Added for biocidal property?	Biocidal property desired in finished article/product?	Product type
Zinc oxide	Yes	Yes	PT 9

This Module/MDS cannot be edited, because it is a full version (1).

Regulatory Information: This section should be filled by the supplier if the material contains a Biocidal substance

- Submit material MDS based on final chemical composition (cured state) of the vehicle as sold to the customer.
 - Example 1: Process aids on metals that are removed in the paint shop/assembly plant should not be included
 - Example 2: Reacted materials such as PU foams must be reported as a final foam composition (not part A or part B reactants).



- Use Material level MDS submission only for raw material, non-dimensional Material and/or Bulk Materials or Use semi-component MDS if the part undergoes further processing (example: cutting, stamping) or machining. (example: steel coil, pipe, leather hide, plated steel)
 - Component submission is only allowed for a dimensional material and or fully finished part (e.g., pre-cut adhesive strips).
- Follow IMDS Recommendation 001 for creating the IMDS submission, with special exceptions:
 - Part Number provided by sponsoring GM Materials Engineer
 - Part number is a GM material call-out, a GM trim transmittal number, or a GM bulk material number which should be mentioned in the Internal Material Number Field
- Example of GMW line callout (plastics): GMW3038P- PA66GF35H
- Example of Trim Transmittal Number: TT123456
- Examples of Bulk Material Numbers: 998zzzz, 927zzzz, 9454zzzz, or 8-digit GM Part Number
 - Trade name is mandatory for plastics GM material certification submissions
 - Supplier name is mandatory for GM material certification submissions
 - Confidential substances are allowed up to a maximum of 10% for non-declarable substances.
- if a material is approved to two different GM specifications (“part numbers”) then submit two IMDS (one under each part number)
- if two materials are approved to same GM specification then submit two IMDS (one under each tradename)
- For Bulk Materials that are reactive (2 component) materials:
 - 2 part/ 2 GM specifications for reactive material submissions - submit the cured material IMDS under the line callout for Part A
 - 2 part/ 3 GM specifications for reactive material submissions - submit the cured material IMDS under the line callout for the “reacted” material

General Requirements: Administrative

Prior to IMDS submission:

- Do not enable the “preliminary MDS” Check box
- Supplier code for GM is the “manufacturing DUNS” code for the plant producing the material.
- The DUNS number is a nine-digit number (Format: XX-XXX-XXXX)
- For suppliers who do not have a Manufacturing DUNS, input 00-000-0000 as the supplier code
- IMDS with Alpha numeric material numbers must be submitted to GMNAVO IMDS ID #5751
- For Bulk Materials (fluids), where an eight-digit GM PN is available, MDS can be submitted to GM ID division where material is used. (Published IMDS are not acceptable)
- After the mMDS is approved by GM, provide Header only report to the responsible GM Material Engineer/ Paint Systems Engineer.



- PDF report generation button:



Example of GM Material Submission for Certification

Material Search | **Ingredients** | **Supplier Data** | **Recipient data** | **Analysis** | **MDS Request**

Filter: GADSL ☐ show regulatory information

Adhesion Promoter Cured

- 0.001 - 1.99% Misc., not to declare
- 60.0 - 70.0% 2,5-Furandione, polymer with 1-butene and ethene
- 30.0 - 40.0% PA

Details

Common Information

Type: Material (own MDS)

ID / Version:

Node ID:

Node count: 4

MDS Supplier: General Motors- NA Vehicle Operations

Name: Adhesion Promoter Cured

Trade name:

Internal Mat.-No.:

Preliminary MDS: No

Dates

Create Date: 8/5/2020

Check/Release Date: not available

Material Information

Std. Mat.-No.: -

Symbol: -

Classification: 6.2 Adhesives, sealants

- Internal Mat.- No: GM 8 digit PN or 7 digit bulk [998zzzz] or Trim Transmittal No. [TT123456] or GM Material Callout [GMW3038P-PA66GF35H]
- Name: Generic and Descriptive [E.g.: Adhesive –cured, sealer, Resin and color code [if applicable]]
- Trade Name: Trade name is Mandatory for all Plastics



Example of GM Material Submission for Certification

Material Search **Ingredients *** **Supplier Data *** **Recipient data *** **Analysis** **MDS Request**

Name: Adhesion Promoter Cured | ID version: 17262942/0.11 | Node ID: N262045 | Status: Edit mode

Company

Company: General Motors- NA Vehicle Operations | Organisation unit: General Motors- NA Vehicle Operations

Company ID: 5751 | Company ID: 5751

DUNS Number: - | DUNS Number: -

Company Address: 4000 Warren, Michigan 48090-1350 | Company Address: 4000 Warren, Michigan 48090-1350

Contact Person

Contact Person: Michael J. Williams | E-Mail: mwilliams@gm.com

Telephone No.: | Fax No.: -

- **Contact Person:** Fill out the supplier information as required by the system

Example of GM Material Submission for Certification

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

Name: Adhesion Promoter Cured | ID version: 17262942/0.11 | Node ID: N262045 | Status: Edit mode

Details

Transfer Information

Company: General Motors- NA Vehicle Operations [5751]

Organisation unit: -

Recip. Status: edit mode

Supplier Code: | Name: | Internal Mat.-No.: | Transmission/Check Date: not available | Forwarding allowed: ☒

Drawing

Drawing No.: | Drawing dated: | Drawing Change Level: |

Purchase Order

Purchase Order No.: | Bill of Delivery No.: |

Report

Report No.: | Date of Report: |

- **Submit to:** General Motors – NA Vehicle Operations (5751) account
- **DUNS:** Include the Manufacturing DUNS as per GM SQMS
- **Internal Mat.- No:** Update the GM 8-digit PN or 7-digit bulk (998zzzz) or Trim Transmittal no. (TT123456) or GM Material Callout (GMW3038P-PA66GF35H)



GM IMDS Review: Timing Information • The mMDS will be reviewed within 5 business days.

Update Requirements for Material IMDS Submissions

- Newer version of the mMDS should be submitted if there is any change in the substance content of GMW3059 and GADSL may be changing up to 2x per year
 - Must resubmit if “confidential/hidden” substance becomes prohibited/declarable
 - Changes in chemical composition during development/production:
 - Utilize range % entry for each chemical in the formulation to cover anticipated fluctuations
 - Chemical formulation change: submit newer version of IMDS ID reflecting new chemical content.

SPECIAL CIRCUMSTANCES:

In case GM Joint Venture (Ex. GM China) is/was responsible for RAW MATERIAL APPROVAL, but the RAW MATERIAL will be/is also used by/delivered to any GM divisions (Table 1), an additional IMDS submission must be made to **GMNA VO IMDS company ID 5751** (refer Table 1).

First Page of IMDS PDF Report

MDS Report			
Substances of assemblies and materials			
This report is for internal Automotive industry use only. Distribution to non-Automotive clients is a violation of the Terms of Use, and is not permitted unless a written permission was given by DXC Technology. Parsing is not allowed.			
1. Company and Product Name			
1.1 Supplier Data		1.2 Product Identification	
Name (ID):	GM Korea Company [49482]	Internal Mat.-No.:	TT123456
DUNS Number:	68-829-9523	Name:	Adhesion Promoter Cured
Street/Postal Code:	[REDACTED]	Legacy Spare Part:	No
Nat./ZipCode/City:	[REDACTED]	Report No.:	-
Supplier Code:	[REDACTED]	Date of Report:	-
Contact Person:	[REDACTED]	Purchase Order No.:	-
- Phone:	-	Bill of Delivery No.:	-
- Fax No.:	-	Preliminary MDS:	No
- E-Mail Address:	-	IMDS ID / Version:	[REDACTED]
		Node ID:	[REDACTED]
		MDS Status (Change Date):	Internally released (08/05/2020)
		Recipient Company (Org Unit) (ID):	General Motors- NA Vehicle Operations [5751]
		Recipient Status (Change Date):	accepted (08/05/2020)
		Accepted by:	
• Recipient Status: Report must show “Accepted”			

Special Requirements: Interior Constructions

- IMDS submissions are required during the development process, ex. construction approval, color approval
- Part number for interior constructions: Use GM trim transmittal number



Special Requirements: Interior Approvals for Paints

- Interior coatings: adhesion promoters, primers, interior topcoats
- Less Color Submissions/Material Approval:
 - Create one IMDS submission for each adhesion promotor, primer, and topcoat
 - Internal Material Number for the IMDS submission: Material Specification (e.g., GMW15520- Type D)
 - Trade Name: product name/product code (as entered in GRANTA DB)
- Color Submissions/Trim Transmittal:
 - Color Approvals for Interior Topcoats:
 - Trade Name: product name/product code (as entered into GRANTA DB)
 - Internal Material Number: GM Trim Transmittal Number

Special Requirements: Exterior Approvals for Paints

- Exterior body paint: Topcoat (monocoat, basecoat/clearcoat)
- Less Color Submissions/Paint Technology Approval
- Individual layers (basecoat, clearcoat) must each report to a semi-component (per IMDS Rec 001) representing the combination of layers. Each individual layer must represent the
- “cured” composition
- Color approvals for exterior body paint: IMDS Data Fields
- Trade Name: product name/product code (as entered into GRANTA DB)
- Internal Material Number: GM Trim Transmittal Number



8. Revision History

Version #	Date Updated	Revision Author	Summary of Changes
4.0	November 2003	Doris Hill	Add Holden engine/transmission requirements. Revise spare parts requirements. Revise programs for Opel, GMNA and Holden. Add Saab/Opel nonGMW3059 substance requirements. Add guidance on directed buy parts. Update phone numbers, account numbers and contact information. Add explanatory notes on DUNS numbers, process materials, material content, and substance content. Add requirement for recyclate information as measured.
5.0	May 2004	Doris Hill	Delete Requirement for separate ILRS statement (requirement is incorporated into the ILRS joker name).
6.0	February 2007	Stacey Moultrie	Sections were removed which were duplicates of the IMDS Recommendations and IMDS Create Tips.
7.0	October 2012	GM Global IMDS Team	Updated GM IMDS ID numbers table. Included additional information on part weight, bio recycled materials and recyclate content. Provided link for IMDS creation tips.
8.0	August 2015	GM Global IMDS Team	Separated GM and Joint Venture Organization ID table, Updated Recycled Content Reporting information
9.0	November 2016	GM Global IMDS Team	Included Information on Application code, Instruction for Productive materials, and Special circumstances
10.0	May 2018	GM Global IMDS Team	Included new appendices for IMDS check list and material approval requirements
11.0	April 2020	GM Global VCRCC Team	Included revised IMDS Checklist with screen copies. Updated information on GM IMDS accounts.
12.0	August 2020	GM Global VCRCC Team	Included info on IMDS Rec019 rejections. Wording changes in 1.7 GM CCA requirements. Additional info for mMDS in Appendix # 2.
13.0	July 2021	GM Global VCRCC Team	Revised criteria for Rec019 modules. Included additional info for CCA IMDS. Included addition info in Appendix 2.
14.0	November 2022	GM Global VCRCC Team	1) Added Biocide and Naphthalene requirements for mMDS in 2.5 and Appendix 2 2) Removed GPS IMDS ID 5754 from 1.5 and updated screenshots in Appendix 2
15.0	August 2023	GM Global VCRCC Team	1) Added information on IMDS status change to "In process at recipient" in section 1.3 2) Added requirement to avoid IMDS submissions to multiple GM IMDS accounts and submit IMDS only to one of the GM IMDS accounts in section 1.4 3) Removed mMDS requirements for color materials



Version #	Date Updated	Revision Author	Summary of Changes
16.0	July 2026	GM Global VCRCC Team	1) Added section "Guidelines for Preventing Common Errors and Rejections" 2) Added section "Active contact in IMDS" 3) Added section "Rejection Reason / Reason for denial" 4) Added section "IMDS approval update in SQMS" 5) Added section "Material Sequencer Parts" MSA Waiver 6) Updated section "Part Weight" in section 2.3.4 7) Updated section "Recycled content reporting" 8) Added section "Material Marking (or Parts Marking)" 9) Updated section "Appendix 1"