

# IMDS Reporting Guide

**November 2018**

ANY PRINTED COPY IS TO BE DEEMED AS UNCHECKED; THEREFORE, THE UPDATED COPY MUST BE CHECKED IN THE APPROPRIATE WEB SITE

CONFIDENTIAL

THIS DOCUMENT MUST NOT BE REPRODUCED OR CIRCULATED TO THIRD PARTIES WITHOUT PRIOR WRITTEN CONSENT BY FCA US LLC.  
IN CASE OF DISPUTE, THE ONLY VALID REFERENCE IS THE ENGLISH EDITION

**Table of Contents**

**OVERVIEW** ..... 3

**APPLICABILITY** ..... 3

**RESPONSIBILITY** ..... 3

**FCA IMDS REPORTING REQUIREMENTS** ..... 5

**COMPANY ID** ..... 5

**GENERAL IMDS SUBMISSION AND UPDATE REQUIREMENTS** ..... 5

**GENERAL IMDS PROCESS FLOW** ..... 7

**MATERIAL CLASSIFICATION** ..... 8

    ..... 8

**RECYCLED CONTENT INFORMATION** ..... 8

**MATERIAL NORMS AND STANDARDS** ..... 9

**INTER-REGIONAL FLOW (IRF)** ..... 9

**REGIONAL SPECIFIC REQUIREMENTS:** ..... 10

**REJECTION CODE GUIDELINE**..... 12

**APPENDIX A: FCA REJECTION CODES** ..... 12

## OVERVIEW

The International Material Data System (IMDS) is a crucial element in ensuring global chemical regulations; including the requirements of the European Union End-of-Life Vehicles (EU ELV) Directive (2000/53/EC) and REACH Directive (1907/2006/EC) are met. As outlined in CS-9003 (“Supplier Requirements for Vehicle and Service Parts: Restricted and Prohibited Substances”) FCA requires Suppliers to submit IMDS data. Suppliers must provide evidence that material substance composition reporting has been completed for all parts, and the reported data complies with FCA-specific requirements. Supplier submitted IMDS data must be reviewed and accepted by FCA before it is considered complete.

This guide identifies FCA’s minimum reporting requirements and provides detailed instructions for completing the IMDS Material Data Sheets (MDS). An IMDS MDS is required for all production materials, parts, components, and vehicle sub-systems (inclusive of service parts) provided to, or manufactured by, FCA, its subsidiaries, suppliers, and sub-suppliers for global use/sale.

## APPLICABILITY

All references herein this document to “FCA” shall be understood to include all wholly owned subsidiaries of Fiat Chrysler Automobiles N.V. (e.g. Alfa Romeo, Chrysler, Dodge, Fiat, Jeep, RAM, SRT, and MOPAR).

FCA applies the most stringent global chemical substance restriction and prohibition requirements to ensure uniform compliance requirements across a global distribution network. For example, if a REACH regulatory requirement specifies a prohibition for a given CAS prior to a regulation for the same CAS in another global region, the earlier of the two dates will become the global standard for all parts, regardless of sales region.

This document applies to all products (e.g. materials, parts, components, and vehicle sub-systems provided to, or manufactured by FCA, its subsidiaries, suppliers, and sub-suppliers for production, preproduction, prototype, pilot, developmental, carryover, original equipment, service / spare, and aftermarket parts and materials) manufactured and intended for use and/or sale globally.

## RESPONSIBILITY

Tier-1 suppliers are required to report chemical composition information to FCA for all hard parts (*production and service*) supplied, and are responsible to self-certify MDS data reported. Reported data will be utilized to prove legal compliance. Tier-1 suppliers are obligated to engage sub-suppliers for the required MDS data. If a sub-supplier does not insert MDS data, it is the obligation of the Tier-1 supplier to report this data.

For “internal” production parts (e.g. powertrain/stampings/castings) in which the equivalent “Tier-1” responsibility is maintained by FCA or one of its FCA Group subsidiaries, the design responsible / release engineer bears the responsibility to ensure that an MDS record is completed for their respective part(s). In all cases, the relevant design responsible / release engineer and supplier should initiate a part/product development conversation early in the development process about current and forthcoming substance of concern (SoC) restrictions/prohibitions as outlined in CS-9003 and/or applicable global regulations. The approved IMDS record then serves as a pre-PPAP confirmation that expectations and compliance requirements have been met.

## REFERENCE TOOLS

To check the official IMDS status of FCA US LLC parts, please visit:

- **SoC / IMDS Compliance Portal:** [https://fcagroup.esupplierconnect.com/irj/portal/supp\\_conn](https://fcagroup.esupplierconnect.com/irj/portal/supp_conn)  
*Portal application access is granted through eSupplier Connect. Once registered, login using your W-ID and password.*

- **CQMS:** <https://gsp.extra.chrysler.com/cqms/>

**Note:** CQMS and the Portal application will show the same IMDS status by part number.

To check the official IMDS status of FCA Italy S.p.A. parts, please visit:

- **MaPS:** <https://m2p2.fiat.com/>

## TECHNICAL SUPPORT

For questions regarding FCA's IMDS reporting requirements, contact:

- [FCAUS\\_IMDS@fcagroup.com](mailto:FCAUS_IMDS@fcagroup.com) (NAFTA)
- [FCAITALY\\_IMDS@crf.it](mailto:FCAITALY_IMDS@crf.it) (EMEA)  
[FCA-VEC-ComplianceEMEA@fcagroup.com](mailto:FCA-VEC-ComplianceEMEA@fcagroup.com) (EMEA for Maserati)

For technical IMDS assistance, refer to the contact listed on the IMDS Public Pages OEM Contact page:

- <https://public.mdssystem.com/en/web/imds-public-pages/oem-contacts>

For technical IMDS assistance, refer to the contact listed on the IMDS Public Pages OEM Contact page:

- <https://public.mdssystem.com/en/web/imds-public-pages/imds-service-centers>

For technical questions regarding the MDS data, please refer to the following resources:

- *IMDS User Manual:*  
[https://public.mdssystem.com/documents/10906/16811/imds\\_usermanual\\_11.0\\_en.pdf/dd6e5e95-7248-4c4a-ba9b-8cad14860910](https://public.mdssystem.com/documents/10906/16811/imds_usermanual_11.0_en.pdf/dd6e5e95-7248-4c4a-ba9b-8cad14860910)

- *Training:*
  - <https://public.mdssystem.com/en/web/imds-public-pages/imds-training-courses>
  
- *Frequently Asked Questions (FAQ):*
  - <https://public.mdssystem.com/en/web/imds-public-pages/faq>
  
- *References:*
  - [Creating a New Material](#)
  - [Creating a Component](#)
  
- *Video Tutorials:*
  - <https://public.mdssystem.com/en/web/imds-public-pages/tutorials>

## FCA IMDS REPORTING REQUIREMENTS

This section provides FCA specific IMDS reporting requirements. It is intended as a supplement to the IMDS Recommendations, IMDS Information Page and the requirements set forth in CS-9003.

### COMPANY ID

IMDS data should be submitted to the correct Company ID (outlined in the table below). IMDS data reported to FCA should be regarded as confidential.

Region	Company	ID
NAFTA	FCA US LLC	71459
LATAM	FIAT AUTOMOVEIS BRAZIL	109959
LATAM	FIAT AUTO ARGENTINA	109958
EMEA	FIAT AUTO	1316
EMEA	MASERATI NM	112624
EMEA	MASERATI SPA	92550
EMEA	FERRARI	92551

### GENERAL IMDS SUBMISSION AND UPDATE REQUIREMENTS

IMDS data should be submitted at the earliest possible point between component development and PPAP. When submitting IMDS data required for PPAP approval, please take into consideration processing time necessary to review your data and update internal databases. For this reason, it is recommended that you submit your data at least six weeks prior to your PPAP date or six weeks prior to vehicle launch, whichever is earliest.

In the event of a regulated chemical sunset date (e.g. REACH SVHC) suppliers will be required to show IMDS compliance with said requirements at least six (6) months prior to a sunset date. Specifically, no IMDS records will be accepted within a 6-month period leading to a formal sunset date that shows the

presence of a regulated substance of concern (SoC).

If IMDS acceptance is received, but is not reflected in the FCA systems, verify the following:

1. IMDS acceptance was received at least 5 business days prior; and
2. The supplier code on the IMDS submission matches the supplier location on the FCA purchase order.

FCA reserves the right to require a chemical analysis of the part, if an IMDS submission is not received prior to PPAP and/or the assigned due date. The supplier is responsible for bearing the cost.

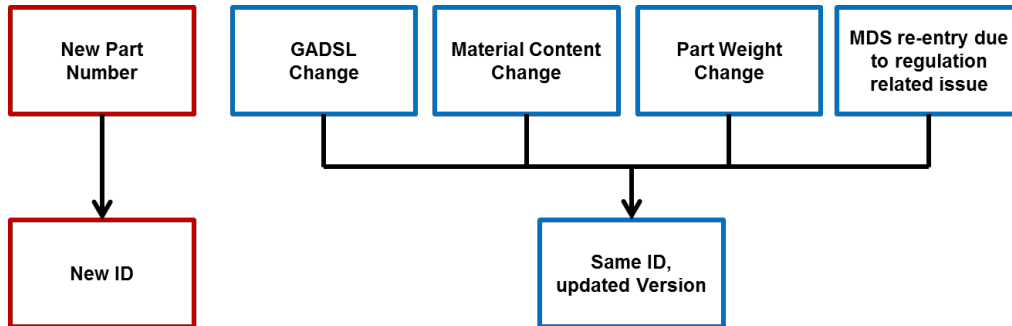
FCA requires Suppliers to utilize IMDS to report, material, and substance information for the following:

1. **Parts or materials used in current production:** All parts currently in production should already be reported in IMDS.
2. **New product submissions (PPAP):** FCA suppliers are required to submit IMDS data for all new parts in order to meet their PPAP requirements.
3. **Engineering Changes:** FCA Suppliers must submit IMDS data for any engineering changes that involves a change to the part number, material content, substance composition, or change in the mass of a part exceeding the tolerance listed on the product part drawing.
4. **Service parts:** FCA Suppliers must submit IMDS data for parts released to service vehicles with a model year greater than or equal to 2004.

Parts exempt from requirements outlined in 1-4 include: user manuals (e.g. handbooks for radios, navigation systems, etc.), protective packaging materials that are removed when the vehicle is delivered, and individually packaged chemical products. All other products meeting the criteria outlined in 1-4, must be reported. For any undefined materials, you must insert the substances that remain on the car and not the full composition. Paints, polymers, adhesives, and sealants etc. must be reported in the cured state.

FCA Suppliers are required to update and resubmit IMDS data for any engineering change that involves:

1. **Part Number**
2. **Chemical Composition**
3. **Mass of a part exceeding the tolerance** (*FCA EMEA / LATAM = 5%, FCA NAFTA = 10%*)
4. **New Supplier of sub-component**
5. **Structural change in the bill of materials (BoM)**
6. **Global Automotive Substance Declarable List (GADSL):**
  - a. A new GADSL substance is added to a material; and/or
  - b. IMDS data that has joker/wildcard/confidential substances in the tree structure. The IMDS data must be reviewed to determine if the substance replaced is declarable "D", declarable / prohibited "D/P", or prohibited "P"

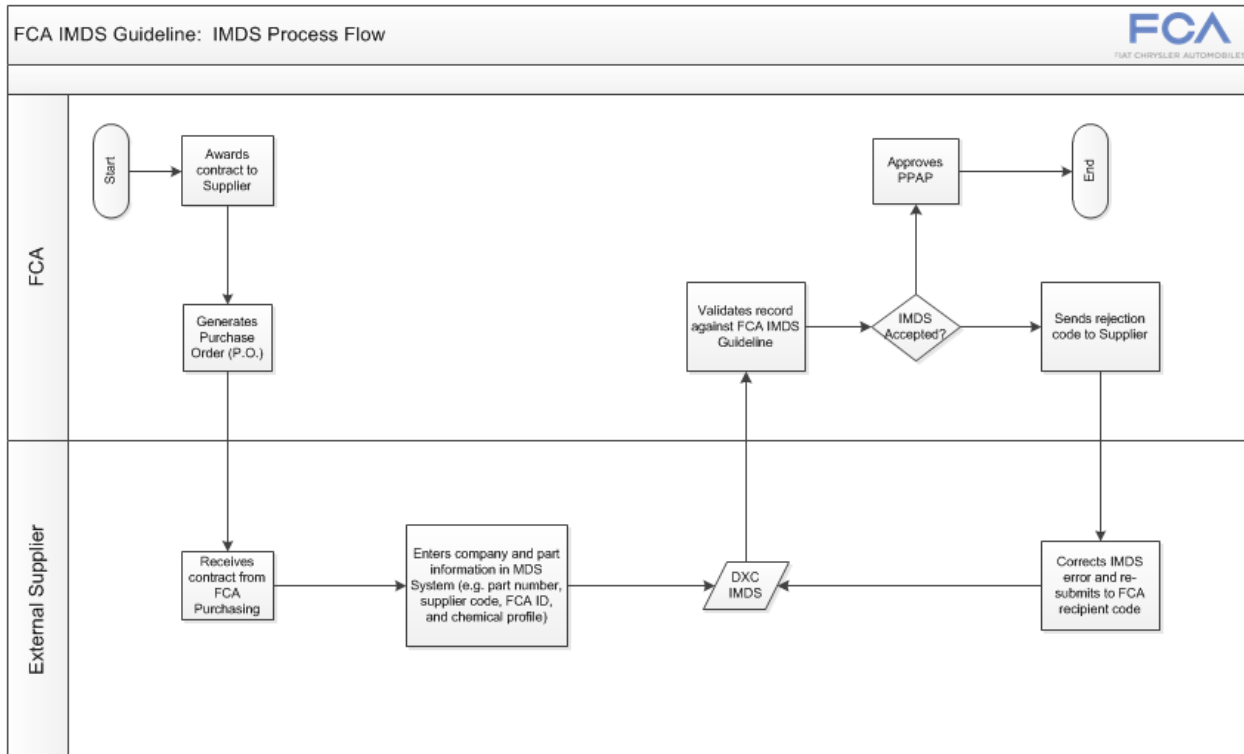


New part numbers require the creation of a new MDS and ID (red box outline), updated MDS require new version, utilizing the same ID (blue box outline).

Please use only one IMDS ID for each FCA part number. If you wish to send an update for an existing MDS for the same FCA part number, please generate a new version of the same IMDS ID.

If you wish to send a large number of the same or similar components with different FCA part numbers, please use the multiple part number function (additional details on page 11). Please note, this function is not valid for Maserati (92550) and Ferrari (92551) Company IDs.

## GENERAL IMDS PROCESS FLOW



## MATERIAL CLASSIFICATION

Since material classification is the key for material marking, application codes of heavy metals and recyclability information, it should be properly selected per material characteristics. The right material classification must be selected according to IMDS Recommendation 001 for material classified as metals.

IMDS CLASSIFICATION N°	DESCRIPTION	SUBSTANCE	CAS CODE	% MIN REQUEST OF THE SUBSTANCES
0	undefined			
1	Steel and iron materials			
1.1	Steels / cast steel / sintered steel	iron	7439-89-6	45
1.1.1	unalloyed, low alloyed	iron	7439-89-6	45
1.1.2	highly alloyed	iron	7439-89-6	45
1.2	Cast iron	iron carbon	7439-89-6 7440-44-0	80 2
1.2.1	Cast iron with lamellar graphite / tempered cast iron	iron carbon	7439-89-6 7440-44-0	80 2
1.2.2	Cast iron with nodular graphite / vermicular cast iron	iron carbon	7439-89-6 7440-44-0	80 2
1.2.3	Highly alloyed cast iron	iron carbon	7439-89-6 7440-44-0	70 2
2	Light alloys, cast and wrought alloys			
2.1	Aluminium and aluminium alloys	aluminium (metal)	7429-90-5	60
2.1.1	Cast aluminium alloys	aluminium (metal)	7429-90-5	60
2.1.2	Wrought aluminium alloys	aluminium (metal)	7429-90-5	60
2.2	Magnesium and magnesium alloys	magnesium (metal)	7439-95-4	60
2.2.1	Cast magnesium alloys	magnesium (metal)	7439-95-4	60
2.2.2	Wrought magnesium alloys	magnesium (metal)	7439-95-4	60
2.3	Titanium and titanium alloys	titanium	7440-32-6	60
3	Heavy metals, cast and wrought alloys			
3.1	Copper (e.g. copper amounts in cable harnesses)	copper	7440-50-8	80
3.2	Copper alloys	copper	7440-50-8	47
3.3	Zinc alloys	zinc	7440-66-6	30
3.4	Nickel alloys	nickel	7440-02-0	40
3.5	Lead	Lead	7439-92-1	75

## RECYCLED CONTENT INFORMATION

Suppliers should report the value of recycled content used in their materials and substances during the manufacturing of their products within IMDS. Recycled content is defined as the percentage by weight of recycled material used in producing a part.

Recycled content information can be entered by checking the box: *“Does the material contain recycle?”*  
The box will become editable:



**Recydate**

Does the material contain recydate?

Content of post-industrial/pre-consumer recydate (see ISO 14021)  
 Post-Industrial Recydate that has been 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 reclaimed within the same process that generated it (home scrap recycling)

-  %

Content of post consumer recydate (see ISO 14021)  
 Post-Consumer Recydate has been 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. This includes returns of material from the distribution chain

-  %

## MATERIAL NORMS AND STANDARDS

Suppliers should report public norms, in which material compositions are defined (e.g. EN, DIN, JIS, ASTM, ISO etc.). FCA requests norm/standard information for plastics (ISO 1043 – 1 thru 4 -see IMDS recommendation 010) based on the type of plastic; elastomers (see IMDS 003), thermoplastic elastomers (see IMDS 013), and metallic (use the ASTM, JIS or ISO classification for the specific material). For materials described in these norms, entry is optional.

**Material Information**

Std. Mat.-No.  \*

Symbol

Classification 1.1 Steels / cast steel / sintered steel\* 🔍

Norms / Standards

Company	Norm	Norm Code
-		

## INTER-REGIONAL FLOW (IRF)

FCA utilizes an Inter-Regional Flow (IRF) process in which common components are shared with other FCA affiliates around the world. For example, parts that are either common with or modified from parts that are used on NAFTA based FCA products can be supplied to support the EMEA-built Maserati programs. One of the main benefits of engaging in this activity is the optimization of tooling capacity utilization.

IMDS records for these parts should have been created through the standard FCA processes (based on the Purchase Order originator). While the IMDS database is global, IMDS submissions are defined by three specific parameters;

- recipient company ID
- supplier code
- part number

To support the IRF process, suppliers may be requested to distribute the IMDS record to additional FCA recipients under additional parameters. The process to request this information will be communicated to impacted Suppliers through the IRF organization.

## REGIONAL SPECIFIC REQUIREMENTS:

The following requirements are applicable to specific regions only:

### FCA US LLC (71459) – IMDS CARRY-OVER FOR CHANGE NOTICES (CN):

An IMDS record can be carried over to the new part NIK (revision) level if the following conditions are met:

- CN does not result in a change to material / composition or final part weight > 10%
- Accepted IMDS record at the previous NIK level (only 1 carryover permitted)
- Previous IMDS record does not contain an SoC with sunset date ≤ 6 months
- Previous IMDS record acceptance date is ≤ 3 years

To verify that the IMDS was carried over successfully, visit the SoC / IMDS Compliance Portal. If one or more carryover conditions are not met, a new IMDS submission is required.

### FCA US LLC (71459) – PART NUMBER / SUPPLIER CODE VALIDATION:

If FCA US is the selected recipient, the supplier code and/or part number entry will be checked against uploaded files. If the supplier code and/or part number is not found, an error message will generate (see example message below). The intent of this change is to reduce IMDS rejections for supplier code and part number entry errors.

*MDS cannot be submitted without a valid FCA Part Number & Supplier Code.*




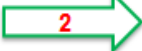
## FCA US LLC (71459), FCA EMEA (1316, 112624) and FCA LATAM (109958, 109959) – MULTIPLE PART NUMBER SUBMISSION

This is a specific function developed for FCA within the recipient data field.


Suppliers can utilize this function in order to make one MDS submission for the parent drawing and adding a list of similar part numbers (i.e. left/right symmetry, color variations, etc.). For example, black/grey panel, different color of seats covers among others. The weight tolerance admitted is 2%.

Materials and/or components for which the color variation has a high impact on the MDS composition: e.g. paint should not be submitted using this function. However, if the color variation between the various paints is minimal, the parent drawing should be the one with the more critical paint composition.





**Part Number:** insert the Part Number   
**Supplier code:** 

### Multiple Part Number Function

Supplier shall create one MDS for each supplied part number using as much as possible the function "multiple part numbers" present in the "Company Specific" folder 

If you have components that are similar to each other for weight (tolerance 2%) and chemical composition you can add the list of part number in one MDS.

### Example:

Principal PN eg. 12345  
 Similar PN: eg. 6789 →   
 write 6789 in the «reference» field  
 Click on 

## REJECTION CODE GUIDELINE

If the submitted IMDS data does not meet FCA requirements, the MDS will be rejected. If an MDS is rejected, the Supplier will receive a list of the components or materials concerned, for which one or more rejection code(s) have been issued. The list of rejection codes can be found in Appendix A of this document. Please be sure to make all corrections before resubmitting the MDS to FCA.

Please note: Legal disclaimers of any kind are not permitted in the Remarks field for a material. Acceptance of IMDS data that contains any legal disclaimers does not indicate acceptance of that disclaimer.

## APPENDIX A: FCA REJECTION CODES

The following table outlines the list of rejection codes, rejection details and recommended actions:



FCA IMDS Rejection  
Code.xlsx