



**CHRYSLER**

# **IMDS REPORTING GUIDE**

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# Chrysler IMDS Reporting Guide

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## **OVERVIEW**

The International Material Data System (IMDS) is a crucial element in ensuring that the requirements of the EU ELV Directive (2000/53/EC) are met. CS-9003 requires Chrysler's suppliers to submit IMDS data, as does the PPAP Manual (Section 2.2.1.1). Suppliers are required to provide evidence that IMDS reporting has been completed for all parts and that the reported data complies with Chrysler requirements. Your data must be reviewed and accepted by Chrysler before it is considered complete.

This document identifies Chrysler's minimum reporting requirements and provides instructions for completing the IMDS Material Data Sheets (MDS).

## **CHRYSLER REJECTION CODES**

If your MDS is rejected, you will receive a list of the components or materials concerned, for which one or more rejection codes have been issued. The list of rejection codes can be found as Appendix A to this document. Please make all corrections before resubmitting the MDS to Chrysler.

## **TECHNICAL SUPPORT**

For questions regarding Chrysler's IMDS reporting requirements, contact URS Corporation at: [ChryslerIMDS@urscorp.com](mailto:ChryslerIMDS@urscorp.com).

For IMDS technical assistance, please contact one of the IMDS Service Centers. Please refer to the IMDS Public Pages for contact information.

## **CHRYSLER IMDS REPORTING REQUIREMENTS**

This section provides Chrysler-specific IMDS reporting requirements. It is intended as a supplement to the Recommendations and Help pages available within IMDS.

### **General Chrysler IMDS Guidelines**

Chrysler suppliers are required to utilize IMDS to report part, material, and substance information for:

1. Parts or materials used in current production - All parts currently in production should already be reported in IMDS.
2. New product submissions (PPAP) – Chrysler suppliers are required to submit IMDS data for all new parts in order to meet their PPAP requirements (PPAP Manual Section 2.2.1.1).
3. Engineering changes – Suppliers must resubmit IMDS data for any engineering change 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 production part drawing.

4. Service parts - IMDS submittals are not required for parts released to service a vehicle prior to model year 2004. Parts released to service vehicles from model year 2004 and on must be reported. Service parts should be reported with the vehicle model year and "service part only" in the part description. An example of a valid part description for a service part submittal is: "Bracket (MY05 service part only)".
5. Chrysler Requests – IMDS has been a Chrysler requirement since 2003 and for this reason Chrysler reserves the right to request IMDS data going back to this date.

The only parts exempt from the above are user manuals (e.g., handbooks for radios, navigation systems, etc.), protective packaging materials that are removed when the vehicle is delivered, and parts that are not permanently affixed to the vehicle (e.g., software DVDs, audio kits, etc.). All other parts that fall under the above criteria must be reported.

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 four weeks prior to your PPAP date or four weeks prior to vehicle launch, whichever is earliest.

Please send your MDS to the **Chrysler LLC IMDS Company ID 71459**. IMDS data that you submit to Chrysler should be regarded as confidential and should never be published in IMDS.

Please use only one IMDS ID for each Chrysler part number. If you wish to send another MDS for the same Chrysler 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 Chrysler part numbers, please send a sample MDS first. Once this MDS has been accepted by Chrysler, you can then send the remaining MDS' to Chrysler. This will save considerable time and effort should any errors be encountered in your submittal.

### **Chrysler Part Number and Description (Rejection Code R001)**

If the Chrysler part number is not entered correctly, it cannot be assigned to a part number in the bill of materials by the Chrysler checking system. Please enter the Chrysler part number exactly as it appears in Powerway or as requested by Chrysler. For Chrysler, Jeep and Dodge brands, the part number must consist of either 8 or 10 alphanumeric digits without any miscellaneous characters or embedded spaces. All alpha characters (including the change level) must be capitalized.

Color trim parts must have the color code in the part number. Therefore, each color will require a separate IMDS submittal. The use of "TRM" as the color code in the part number will result in your data being rejected.

Part descriptions should be as listed on the drawing, and should be in English. If you are reporting data for a past model year and the parts are no longer in production, please include the model year in your description (e.g., "Wiring Assy, Engine (MY05)"). This is particularly important if the part you are reporting contains prohibited substances that were allowable at the time the part was in production.

### **Chrysler Supplier Codes (Rejection Code R002)**

The supplier code must be reported exactly as it appears on your purchasing contract. The supplier code must consist of 5 to 7 digits - the first 5 are numeric, the last 2 are alpha characters (e.g. 12345, 12345A or 12345AA) for the location code. All alpha characters must be capitalized. Do not enter any spaces in your supplier code.

## **General Structure Guidelines**

### **Structure (Rejection Code G001)**

IMDS Recommendation 001 requires that only one type of element (component, material, substance) may exist at one tree level. A component for example, should be comprised of either all materials, all components, or all semi-components.

### **Weight Variation Tolerance (Rejection Code G002)**

The variation between the measured weight of the part and the IMDS-calculated weight should not exceed 5%.

### **Flat Bills of Material (Rejection Code G003)**

Chrysler requires compliance with IMDS Recommendation 019 in regards to the usage of Flat Bills of Materials. Any subcomponent that contains a prohibited substance under the ELV Directive or CS-9003 (Table 1: Prohibited Substance List), even one currently exempt under ELV Annex II, must be disclosed in full detail.

## **Material Guidelines**

### **Material Names (Rejection Code M001)**

The material name must define the material. Trade names are not acceptable. For plastics, elastomers, thermoplastics and metals, material names should be derived from the applicable norms or standards. If no norm or standard applies, then the material name must be clear and descriptive.

### **Material Composition (Rejection Codes M002 – M008)**

A material should only be composed of basic substances and not other materials. The only exception to this is if a combination of submaterials results in a new, homogeneous material. Multi-step coating processes must each be reported as a separate component or semicomponent, and not a material comprised of other materials, since a homogeneous material does not result.

Also, materials must be reported in their finished state, which means solvents, water, etc. that are not present in the final product should not be reported except at their residual levels.

Accurate material classifications are required for all materials. In addition, an accurate symbol must be used for all thermoplastics, thermoplastic elastomers, and elastomers.

Published materials should only be used when they accurately describe the actual material being used. The use of published materials, including those published by the IMDS Committee, should not be seen as an alternative to collecting actual material data.

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.

### **Substance Guidelines**

#### **“Wild Card” or Confidential Substances (Rejection S001)**

All GADSL listed substances must be disclosed, including those present in proprietary materials. A maximum of 10% of the substance content in a homogeneous material can be reported using “wild card” substances and/or marked as “confidential”, however, GADSL listed substances cannot be reported in this manner.

#### **Portion Ranges for Substances (Rejection Code S002)**

Please adhere to IMDS Recommendation 001 if reporting any substance as a range. Any ranges reported outside of these limitations will result in rejection.

#### **Substance Application Code (Rejection Code S003)**

An appropriate application code must be selected for materials containing certain restricted substances. The application code “Other application (potentially prohibited)” is not an acceptable application. It is important that the correct material classification is chosen to ensure that appropriate application codes are available for selection.

### **Prohibited Substances (Rejection Code S004)**

Materials reported with substances prohibited under CS-9003 and/or the latest version of ELV Annex II will not be accepted. If these substances are still in use, you must work with your Chrysler Release Engineer to remove them as soon as possible. If you are reporting data for parts no longer in production, please include the vehicle model year in the part description. If the substance in question was permitted when the parts were in production then your data will be accepted.

### **Expired Lead Exemptions (Rejection Code S005)**

Lead in aluminum for machining purposes in excess of 0.4% by weight and lead as an alloying element in bearing shells and bushings will no longer be accepted by Chrysler for parts in production after January 1, 2008. This measure enters into force prior to the ELV Annex II (2000/53/EC and 2005/673/EC) expiration date of July 1, 2008.

### **Expired Hexavalent Chromium Exemption (Rejection Code S006)**

Hexavalent chromium in corrosion preventive coatings related to bolt and nut assemblies for chassis applications will no longer be accepted by Chrysler as of January 1, 2008. This measure enters into force prior to the ELV Annex II (2000/53/EC and 2005/673/EC) expiration date of July 1, 2008.

## APPENDIX A: CHRYSLER IMDS REJECTION CODES

Rejection Code	Name/Category	Description
<b>Recipient Data Page</b>		
R001	Incorrect part number	<p>If the Chrysler part number is not entered correctly, it cannot be assigned to a part number in the bill of materials by the Chrysler checking system. Please enter the Chrysler part number exactly as it appears in Powerway. For Chrysler, Jeep and Dodge brands, the part number must consist of either 8 or 10 alphanumeric digits without any miscellaneous characters or embedded spaces. All alpha characters must be capitalized.</p> <p>Color trim parts must have the color code in the part number, therefore, each color will require a separate IMDS submittal. The use of "TRM" as the color code in the part number will result in your data being rejected.</p>
R002	Incorrect supplier code	The supplier code must be reported exactly as it appears on your purchasing contract. The supplier code must consist of 5 to 7 digits - the first 5 are numeric, the last 2 are alpha characters (e.g. 12345, 12345A or 12345AA) for the location code. All alpha characters must be capitalized. Do not enter any spaces in your supplier code.
<b>General Structure</b>		
G001	Incorrect structure	In one level, please use only the same symbols, do not append parts or materials in one level. Please read Recommendation 001.
G002	Weight variation	Deviation between measured weight per item and calculated weight per item is higher than 5%.
G003	Flat Bill of Material	Flat Bills of Material are intended only for certain applications, see IMDS Recommendation 019. Any components containing prohibited substances, even those that fall under a valid exemption, must be disclosed in full detail.
G004	Other	An error not described in this list has been found. Please check your data sheet and follow the IMDS Recommendations.



<b>Rejection Code</b>	<b>Name/Category</b>	<b>Description</b>
<b>Material Composition</b>		
M001	Material name	The material name must define the material. Trade names are not acceptable. For plastics, elastomers, thermoplastics and metals, material names should be derived from the applicable norms or standards. If no norm or standard applies, then the material name must be clear and descriptive.
M002	Material comprised of non-homogeneous materials	Please do not mix different materials. Report each homogenous material separately.
M003	Material composition	All materials must be reported in their finished state. Solvents should only be reported at residual levels.
M004	Material classification	Please use an accurate material classification.
M005	Material symbol	Please fill out the symbol field correctly.
M006	Material composition	Please check basic substance list. Contents of the basic substance list do not correspond to the material.
M007	Material composition	Please do not report elementary analyses. Materials have to be reported as assembled in finished parts.
M008	Disclaimer in Remarks field	The contents of the Disclaimer are a contractual issue between Chrysler and the respective supplier, and are not suitable for IMDS. The Disclaimer and its content, therefore, will generally be rejected here.
<b>Substance Content</b>		
S001	"10% Rule"	Wild cards and confidential substances should not exceed 10% of the basic substance.
S002	Substance range	Range of the basic substances reported is outside the allowable ranges of Recommendation 001.

<b>Rejection Code</b>	<b>Name/Category</b>	<b>Description</b>
S003	Application code	Please check the application code. "Other application (potentially prohibited)" is not an acceptable application code, nor is any application that has expired unless the part you are reporting is no longer in production. Make sure you have selected the correct material classification as this determines the available application codes.
S004	Prohibited substance	You have reported a prohibited substance at a concentration that is not exempt under ELV Annex II. Please verify that this data was reported correctly.
S005	Lead in Aluminum (up to 1.5%) and Lead in Bearing Shells & Bushings	Lead in this application will be no longer accepted by Chrysler as of January 1, 2008. This measure enters into force prior to the ELV Annex II (2000/53/EC and 2005/673/EC) expiration date of July 1, 2008.
S006	HexChrome coatings in bolt/nut assemblies for chassis applications	Hexavalent chromium in this application will be no longer accepted by Chrysler as of January 1, 2008. This measure enters into force prior to the ELV Annex II (2000/53/EC and 2005/673/EC) expiration date of July 1, 2008.

## APPENDIX B: FREQUENTLY ASKED QUESTIONS

**1. *My company only assembles components that are comprised of consignment parts purchased by Chrysler. What are our IMDS requirements?***

Please send a detailed email to [ChryslerIMDS@urscorp.com](mailto:ChryslerIMDS@urscorp.com) so we can evaluate your individual situation.

**2. *The parts you have requested are not in Powerway and/or these parts PPAP'd before IMDS became a PPAP requirement. Do we still need to report them?***

Yes. IMDS has been a Chrysler requirement since 2003, but it was only more recently incorporated into the PPAP requirements. If you receive a request for IMDS data from Chrysler you must report this data even if the parts are not in Powerway. Requests you receive directly from Chrysler ([ChryslerIMDS@urscorp.com](mailto:ChryslerIMDS@urscorp.com)) are sent independent of any open Powerway/PPAP requirements you may have.

**3. *I do not supply the part you have requested. How do I get it removed from the list?***

Please send an email including part number, supplier code, and circumstances to [ChryslerIMDS@urscorp.com](mailto:ChryslerIMDS@urscorp.com). We will need to verify this information before the parts can be removed. Please note that if you ever supplied this part for production and/or service, you will most likely still need to report the data.

**4. *I have already reported the data for the part you are requesting. Why is it still showing up as unreported?***

In most cases, there is a discrepancy between the data that was submitted and the data that is being requested. First make sure that the Chrysler LLC (Company ID 71459) appears as a recipient, and that the recipient status of this part is "Accepted". A status of "Edit mode" indicates that the part has not yet been sent, and "recd" indicates that the part was submitted and rejected. The status "nsen" indicates that the data was submitted but has not yet been reviewed by Chrysler. Please allow 3 business days for your data to be reviewed. Next, please verify that the part number and supplier code as entered on the Recipient Data page is an EXACT match for the part being requested. Pay particular attention to extra spaces, the character 'O' vs. '0', and other typographical errors. If you

believe that your part was submitted correctly and has already been accepted, please send an email to [ChryslerIMDS@urscorp.com](mailto:ChryslerIMDS@urscorp.com) including the part number and corresponding IMDS ID so we can investigate further.

***5. I am unfamiliar with IMDS. Where do I start?***

Go to [www.mdssystem.com](http://www.mdssystem.com) and review the public pages. Registration can be completed online, but you may want to verify with one of the IMDS Service Centers whether or not your company already has a registered user. A number of help documents are available on the website, and training is available in various formats.