



GM IMDS INSTRUCTIONS

Version 6.0

February 2007



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 non-GMW3059 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.



1. **GMW3059**

General Motors' Restricted and Reportable Substances specification is updated yearly to reflect changes in substance regulations worldwide. Please check if you have the latest available version by contacting Global Engineering Documents at www.global.ihs.com.

Additional information on GMW3059 (including documents, tools and a 1 hour instructional seminar) is available on www.GMW3059.com

2. **IMDS - International Material Data System – General Information**

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

In order to ensure regulatory compliance to the ELV-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 to manage the information regarding the material and substance composition of all components and provides OEM's the necessary information to document the vehicle compliance to the ELV Directive.

2.1 **How to obtain Access**

Go to www.mdssystem.com to find general information such as online registration, system requirements, training courses calendar, and automotive news etc.

- Open page: www.mdssystem.com
- Click on: <PUBLIC IMDS PAGES>
- Click on: <CONTACTS>
- Click on: <Online Registration>

2.2 **Help Desks**

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

- Open page: www.mdssystem.com
- Click on: <PUBLIC IMDS PAGES>
- Click on: <CONTACTS>



2.3 Where to send MDS's

Material Data Sheets can be:

- Sent When there is only one recipient.
- Proposed When there are many recipients.
- Internally Released For internal use.
- Published When the Data Sheet has to be visible for everybody.

Suppliers should send the MDS to the 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 parts, parts under development, or carryover parts (parts that have already been PPAP'd). (Example: If Saab is responsible for PPAP and the part will be/is used by both Saab and Opel, the MDS shall be sent only to the Saab account in IMDS.) This information is available from your Quality (or other) organization that handles the PPAP submissions for your company.

The accounts for GMNA, Saab and Opel are split. Please send the Powertrain parts (engines/transmissions) to Powertrain and the Vehicle Operations (all other parts) to the Vehicle Operations.

For first time submitters to IMDS, GM offers a quick review for your first few data sheets. Please put in one or two sheets into IMDS, and notify our reviewers by emailing them at imdshelpdesk@harita.com. The reviewer will prioritise your sheet so that you can use the first approved sheet as a template for the rest of your data sheets. This will reduce rejections (and re-work) both for the supplier and the GM reviewer.

GM Accounts in IMDS	Company ID#
General Motors- NA Vehicle Operations (includes GM Mexico)	5751
General Motors- NA Service Parts Operations	31433
General Motors- NA Powertrain	5754
General Motors Strasbourg	3949
Adam Opel GmbH (includes Vauxhall)	104
GM Powertrain (includes Opel Powertrain GmbH)	17441
Saab Automobile AB	303
GM Powertrain Sweden AB	15534
GM do Brasil	20394
GM Daewoo Auto & Technology Company (GMDAT)	49482
GM Holden Ltd	1438
General Motors South Africa (Pty) Ltd	51693



2.4 GM North America Service Parts Organization

Any part or its component parts approved for production will not require an additional or separate IMDS approval from GM-NA Service Parts Operations (GMSPO) when the parts are shipped for service or become past model, unless there is a change in the manufacturing location. A change in the shipping location only, does not require a new or additional approval for GMSPO.

Any part released to service a vehicle with an application prior to model year 2004 will not require an IMDS approval, as they are exempt from IMDS requirements.

IMDS submissions are required for service-only parts, parts that have not had production applications, for model years 2004 and later.

3. GM Mandatory Information

In general, GM requires that suppliers follow the IMDS Recommendations 001 to 022 as listed on the IMDS website under recommendations. This allows suppliers to develop a standard process for developing their material data sheets. The following requirements are in addition to the IMDS recommendations.

3.1 GMW3059 Confirmation

Though no specific statement in the MDS is required, suppliers, as part of the use conditions, have committed to disclose their restricted and reportable substances. This data must be specific enough for the GM reviewers to tell whether the MDS meets legal requirements.

3.2 Supplier Code

The supplier code is the manufacturing DUNS used in the Global Quality Tracking Systems (GQTS). The DUNS number is required for every IMDS sheet. The DUNS number is used to match up the IMDS approval to the Production Part Approval Process (PPAP). The DUNS number is a nine-digit number. (Format for DUNS number: XX-XXX-XXXX)

3.3 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. The part number is also used to match up the IMDS approval to the Production Part Approval Process (PPAP). In order to have IMDS approval information appear in the Global Quality Tracking System (GQTS), both the part number and DUNS in IMDS must match the part number and the DUNS in GQTS.

3.4 Part Description:

Input the English name of the part as described on the GM drawing. Use a description that will make sense to the GM reviewer (e.g. Bolt, A-pillar trim assembly, not 12756D).



If your part is a prototype or a service part, then put in word “service” or “prototype” in parenthesis after the name.

3.5 Material level

Input the material information for every component part. 100% of the materials 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. Suppliers should avoid obsolete data. Material Suppliers, trade names, and symbols for plastics are requested but not required.

3.6 Basic Substances

The basic substance level (blue triangle) level must be attached to a material (2 green dots), not directly to a component or semi-component. Failure to do this results in the “Analysis based on material” to not add up to 100%. Substance content must reflect the current part. Suppliers should avoid obsolete data and the obsolete jokers (e.g. “cannot be answered at this time”, “pigment portion (not yet specified)”).

3.7 Application Codes

Suppliers should select the proper application code based on the EU Annex II.