

A. Introduction

The European End-of-Life Vehicle (ELV) Directive 2000/53EC that has been entered into force on October 2000 imposes specific rules for materials used in vehicles. The Directive allows for exemptions relating to restricted / prohibited substances found in Annex II. This Directive requires the reporting of all the prohibited substances and materials that are presently listed in IMDS (International Material Data System). Reporting in IMDS has been made mandatory in the automotive industry.

These guidelines are distributed with the purpose of summarizing the pertinent information for the use of Litens suppliers and related users and are for *REFERENCE ONLY*. These guidelines should be used in combination with the other sources of information identified in these guidelines. These sources should be used to obtain all updated legal and technical information to comply with the legislated requirements.

B. Cascading of IMDS Reporting to Sub-tier Suppliers

It is the responsibility of all Litens suppliers to cascade this reporting requirement to all sub-tier suppliers and ensure that their sub-tier suppliers comply with this requirement.

C. IMDS (International Material Data System)

To ensure regulatory compliance to ELV Directive and any other applicable substance regulations, Litens requires all material and substance data to be submitted for all parts supplied to Litens via IMDS.

An up-to-date user manual, and video tutorials are available on www.mdsystem.com, including quick references for creating a component or material MDS (Material Data Sheet). IMDS provides rules and guidelines concerning the preparation / definition / structure of the MDS (Material Data Sheet). **It is important to follow these rules to facilitate the acceptance of the MDS by Litens, the OEMs or other IMDS users.** These rules and guidelines are available on the IMDS website and can be downloaded in Recommendation tab of IMDS.

D. Litens Specific Requirements

Litens requires that IMDS reports be submitted for all automotive parts for approval (PPAP) and already in production parts for customer requirement upon request.

1. Completion of MDS: Required Information

▪ Component MDS

Use Component MDS to report the information to Litens. The component MDS must have at least one material MDS attached to it. The following information in Component MDS should be completed:

Field	Definition	Entry requirement
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Litens IMDS Guidelines

<u>Ingredient Section</u>		
Description	Part description as stated in the approved print.	Required
Part/Item No.	Use Litens part number including the engineering change level.	Required
Measured weight per item	Report the measured weight of one (1) component.	Required
Preliminary report	DO NOT check if part is for PPAP or already in production. Allowed only if part is still in the design phase	Optional
<u>Supplier Data</u>		
Contact person, Telephone number & E-mail	Provide current information that Litens can contact as needed.	Required
<u>Company Data</u>		
Description	As entered in ingredient section.	Required
Drawing No.	Refer to the drawing number in approved print.	Required
Drawing Dated	Refer to the drawing date in the approved print	Required
Drawing change level	Refer to the revision level in approved print	Required
Report No.	This can be the supplier's reporting control number	Optional
Date of Report	Date of submission	Required
Bill of delivery number	As per PPAP package	Optional
Supplier Code	Vendor code per PO	Required
Forwarding allowed	"Yes" by system default	Optional

- Material MDS

Use Material MDS to report substances content of component including coating as required in the approved print. [Companies not producing materials must obtain material data from their material suppliers or use the respective material MDS published by the MDS Steering Committee.](#) The following information in Material MDS should be completed:

Field	Description	Entry requirement
Classification	Mandatory by IMDS rules. Select from a drop down list in IMDS the correct classification of the material.	Required

Name	Should define the material and should be chosen from existing standard. e.g. SAE J403 1050 Steel.	Required
Trade name	The product trade name. Per IMDS, this entry is not mandatory but is useful to identify the material.	Optional
Internal Mat. -No.	Used to report supplier internal material number. Supplier may report complete coating spec in this field.	Required as applicable
Std. Mat. -No.	Available if material is defined in public norms. Some OEMs require the reporting of standard material number	Required as applicable
Symbol	Per IMDS, this entry is mandatory for thermoplastics, thermoplastic elastomers and elastomers (see applicable IMDS recommendations)	Required as applicable
Norms/Standards	Public norms in which material is defined. Mandatory if materials are defined in these norms. Refer to approved print spec.	Required as applicable. A statement in the Remark field is required if supplier will report equivalent standard per print spec.
In-house norms	For materials which are not defined in public norms	Optional
Supplier	Material supplier	Optional
Remark	Free text	Required Statement is required <ul style="list-style-type: none"> ▪ As to compliance to ELV, GADSL (and other customer specific standard as applicable) if reporting "system" substances.

		<ul style="list-style-type: none"> ▪ If equivalent material standard is reported. ▪ To report complete coating spec per print requirement. ▪ If substances content applies to all or alternate material sub-suppliers. Otherwise, a new MDS should be submitted for alternate material sub-supplier. ▪ A statement to confirm when the biocidal substances are not used as a biocide.
Portion ranges	See applicable IMDS recommendation for weight ranges. Total of "system" substances should not be more than 10%	Required
Weight	Computed weight of material or coating (see applicable IMDS standards)	Required
Development sample report	Allowed only if part is in development stage	Optional

- Reporting of substances

Material MDS should have at least one substance. Refer to applicable IMDS standards and the OEMs / customer specific requirements on substances reporting.

2. Submission

- Enter the unique id/version # of component MDS in PSW at PPAP submission. Litens requires an IMDS report to complete the PPAP documentation.
- **SEND** the Component MDS via IMDS to the following ID Codes. **DO NOT publish** the MDS.

- **97526** – for PPAP submission to Litens Automotive Partnership (730 Rowntree Dairy Road, Woodbridge, ON, Canada)
- **97527** – for PPAP submission to Litens Automotive Partnership (150 Courtland Ave., Concord, ON, Canada)
- **97529** – for PPAP submission to Litens Automotive GmbH (Altenhasslauer Weg 5-7, Gelnhausen, Germany)
- **97530** – for PPAP submission to Litens Automotive do Brasil Ltda. (Rodovia D. Pedro I, Km 87, Atibaia, Brazil)
- **97532** – for PPAP submission to Litens Automotive (Suzhou) Co., Ltd. (NO. 29 Xiasheng Road, Suzhou, China)
- **97533** – for PPAP submission to Litens Automotive (India) Private Limited (Gat No. 357, Waghjai Nagar Road, Kharabwadi, Chakan, Pune, India)

3. Acceptance / Refusal

- Component MDS will be reviewed by Litens based on IMDS recommendations on reporting structure, and Litens specific reporting requirements in Section D above.
- Acceptance of IMDS report does not mean that the substances content is acceptable per ELV requirement or specification. Acceptance or refusal of the report shall only refer to the quality of the report as to compliance with Litens specific requirements, IMDS standards and/or customer specific requirement.
- In cases where an IMDS report is rejected on the basis of non-acceptable material / substance content, specific reference will be made regarding the allowable material / substance threshold.

4. Revising & Resubmission

- Select the Modify or Copy, new version option when a MDS is refused by Litens. This will retain the original id# of the MDS.
- [The addition of any new material\(s\) or the elimination of already reported material\(s\) contained in the part requires the revision and resubmission of the corresponding MDS.](#)