



Material Composition Product Declaration

Manufacturer: Teledyne DALSA Inc.
Address: 605 McMurray Rd.
Waterloo, Ontario, N2V 2E9
Canada

Product Name: Image Sensors
Part Number(s): All

Note:
This datasheet only applies to those part numbers having a “-R” suffix at the end of the full orderable part number.

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Material Composition Product Declaration

1. Declaration: European Directive 2011/65/EC Restriction of Hazardous Substances

Product Name: Image Sensors

Part Number(s): All (having a “-R” suffix at the end of the full orderable part number)

This product conforms to the following directive articles:

Article 4(1): Product does not contain restricted substances above maximum concentration values tolerated by weight in homogeneous materials, as follows:

- ❖ Lead (0,1 %)
- ❖ Mercury (0,1 %)
- ❖ Cadmium (0,01 %)
- ❖ Hexavalent chromium (0,1 %)
- ❖ Polybrominated biphenyls (PBB) (0,1 %)
- ❖ Polybrominated diphenyl ethers (PBDE) (0,1 %)

Article 4(6): Applications exempted from restriction:

None

Declaration:

The supplier certifies that the information provided in this form is true and correct to the best of its knowledge and belief and has used appropriate methods to ensure its accuracy. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union laws that implement the RoHS Directive. Supplier proclaims that it may have relied on information provided by others in completing this form and that Supplier may not have independently verified such information. If the Company and Supplier enter into an written agreement with respect to the identified item, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the supplier’s liability and the Company’s remedies for issues that arise regarding information the Supplier provides in this form.

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2. Declaration: European Regulation (EC) No 1907/2006 Registration, Evaluation Authorization and Restriction of Chemicals

Teledyne DALSA Digital Imaging (TDDI) produces products that would be considered an Article according to regulation Article 3(3): "an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition".

As a manufacturer established outside of the European Economic Area (EEA) TDDI does not have direct obligations under the REACH Regulation however we understand that the businesses that import our products into the EEA may have such obligation.

The following requirements may be of relevance to importers;

1. **Article 7(1): Registration** – if substances in articles are intended to be released during normal and reasonable foreseeable conditions of use and are present exceeding one tonne per year they are required to be registered.

TDDI products do not contain any substances intended to be released during normal and reasonably foreseeable use conditions.

2. **Article 7(2): Notification** – when substances of very high concern (SVHC) included on the candidate list for authorization are imported in amounts in excess of 1 tonne per year and present in articles in concentrations > 0.1% wt/wt of the article notification of the European Chemical Agency (ECHA) is required.

TDDI products do not contain SVHCs as identified in the latest ECHA Authorization List (link provided below) in excess of 0.1% wt/wt of the product.

<http://echa.europa.eu/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

3. **Article 33: Communicate** – when SVHCs included on the candidate list are included in articles in concentrations about 0.1% wt/wt of the article recipients of the articles must be provided information for the articles safe use.

TDDI products do not contain SVHCs as identified in the latest ECHA Candidate List of Substances (link provided below) in excess of 0.1% wt/wt of the product.

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

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4. **Article 56: General Provisions** – substances incorporated into articles included in Annex XIV cannot be placed on the market for use after the sunset date unless it has been authorized or exempted.

TDDI monitors the composition of materials used within its products and will comply with the provisions based on the contents of Annex XIV by the applicable sunset dates.

<http://echa.europa.eu/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

5. **Article 67: General Provisions** – substances in an article for which Annex XVII contains a restriction shall not be placed on the market for use unless it complies with the condition of restriction.

TDDI products do not contain restricted substances as identified (link provide below) in accordance with applicable conditions.

http://echa.europa.eu/documents/10162/13632/articles_en.pdf

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3. Declaration: Electronic Information Product Disclosure Record

With reference to the People's Republic of China Electronic Industry Standard SJ/T11364-2006, Marking for Control of Pollution Caused by Electronic Information Products, the following product disclosure is made:

Product Name: Image Sensors

Part Number(s): All (having a "-R" suffix at the end of the full orderable part number)

The product does not contain any toxic or hazardous substances or elements.



4. Product Packaging

The packaging for this product conforms to the following requirements:

European Directive 94/62/EC Packaging and Packaging Waste:

Article 8 (2, 3)

Marking and Identification

Article 11 (1)

Concentration levels of heavy metals present in packaging

China's "Administration on the Control of Pollution Caused by Electronic Information Products":

GB 18455-2001

Packing Recycling Mark

5. Datasheet Responsibility

Contact Information:

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6. Teledyne DALSA Corporate Environmental Information

<http://www.teledynedalsa.com/imaging/products/environment/>

7. Revision History

DATE	Rev	Action	Originator	Change
4 Mar 2014	00	Initial release	Chris Renn	n/a