

**OPTICAL GLASS FIBRES
INFORMATION SHEET**

2018-07-10

To whom it may concern

Prysmian Group is aware of its responsibilities and understands its obligations with regard to the regulations mentioned in this information sheet. Prysmian's Business Unit Optical Fibre takes the necessary actions to ensure optical fibre products and its raw materials maintain compliant by reviewing these directives and its lists at a regular base.

This information sheet should be considered as the best of current knowledge, and will be updated whenever that knowledge and/or regulations concerned have an impact to its content.

Safety Information: 2001/58/EU "Dangerous substances"

Prysmian is aware of the material safety regulations and the derived obligations. Fibre and reels are no dangerous substance.

REACH: 1907/2006/EU "Registration, Evaluation, Authorisation and Restrictions of Chemicals"

Prysmian is aware of the REACH regulations and the derived obligations. Prysmian's role is generally as a downstream user, so no registration requirements applicable, except for the few cases of import from suppliers outside EU/EEA (quantities > 1 ton/year). Optical fibre is an article, according to the REACH definition. Optical fibre contains no substance that is intended to be released during normal and reasonably foreseeable conditions of use.

SVHC: 1907/2006/EU "Registration, Evaluation, Authorisation and Restrictions of Chemicals"

Prysmian is aware of this particular REACH regulation (Article 59) and the derived obligations. The list concerned (<http://echa.europa.eu/candidate-list-table>) is reviewed when published by ECHA. Declarations on SVHC from raw material suppliers and their updates are reviewed on a regular base. In case Prysmian is informed by its raw material suppliers that any of these substances are present in a concentration above 0.1 % (w/w), this information will be shared accordingly.

RoHS: 2011/65/EU; 2015/863/EU "Restriction on the use of certain Hazardous Substances"

Prysmian is aware of the RoHS regulations and the derived obligations. Optical fibres do not contain any (measurable) quantity of Lead (Pb); Cadmium (Cd); Mercury (Hg); Hexavalent chromium (Cr); Polybrominated biphenyl (PBB); Polybrominated diphenyl ether (PBDE); Bis(2-ethylhexyl) phthalate (DEHP); Butyl benzyl phthalate (BBP); Dibutyl phthalate (DBP); Diisobutyl phthalate (DIBP). None of these substances is used in any stage of the manufacturing process.

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Conflict Minerals: “Section 1502 of the Dodd-Frank Act; EU guideline draft 2014/0059 (COD)”

Prysmian is aware of the DRC regulations and the derived obligations. No use of minerals (tantalum, tin, gold or tungsten) in optical fibres nor any stage of the manufacturing process.

Manufacturers

The Netherlands: **Draka Comteq Fibre B.V.**
P.O. Box 1442
5602 BK Eindhoven
The Netherlands
Tel.: +31 (0) 88 808 4200

Italy: **Fibre Ottiche Sud FOS S.r.l.**
S.P. 135 km 4.5
84091 Battipaglia (SA)
Italy
Tel.: +39 (0) 82 86 75 111

France: **Draka Comteq France S.A**
Z.I. Artois Flandres - Zone C
Billy Berclau
62092 Haisnes Cedex
France
Tel: +33 (0) 3 2179 4900

United States of America: **Prysmian Cables and Systems USA, LLC**
2512 Penny Road
Claremont, NC 28610
USA
Tel.: + 1 (0) 800 459 8441

Brasil: **Prysmian Optical Fibre Brasil S/A**
Rua Chirci Maluf 210
Alto Da Boa Vista CEP 18087-141
Sorocaba SP
Brasil

Contact: fibersales@prysmiangroup.com (communication in English only please)

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Comments

Prysmian Group is fully aware of its responsibility for the products* provided to the market and the impact these can have on the community as a whole. The company therefore strives constantly to make the most positive contribution to both the social and environmental climate**. As a leading supplier of optical glass fibre, Prysmian Group is continuously paying attention to the law conformity of its products and the manufacturing processes and raw materials concerned.

Fibre and reels are no dangerous substance in relation to EU-directive 2001/58/EG. As a result there is no obligation to make or distribute a material safety datasheet. Nevertheless we compiled a material safety data sheet *** based on the directive EU-directive 2001/58/EG annex "Guide to the compilation of safety data sheets".

Although the information contained in this information sheet has been prepared using reasonable care and is believed to be correct, Prysmian makes no representations as to the completeness or accuracy thereof. Those who use this product are responsible for determining; (A) the suitability of the product for the intended use and (B) the appropriate manner for processing the product to insure safety and quality. In no event will Prysmian be responsible for damages of any nature resulting from the use or reliance upon the information contained herein.

Document control. This information sheet will be reviewed twice a year. It has been originally established in December 2015 by merging existing (and former locally created) documents per fibre plant and therefore replaces all former and/or local sheets.

* MSDS Optical Glass Fibres (standard single-mode and multimode type), wound on plastic reel.

** <http://www.prysmiangroup.com/en/corporate/sustainability/>

*** <https://www.prysmiangroup.com/en/products-and-solutions/telecoms/optical-fibre>