



# SAFETY DATA SHEET - Glass fiber material Luscent R

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

<i>Name of product:</i>	Glass fiber profiles
<i>Description of product:</i>	Composite glass fiber - epoxy resin profiles
<i>Substance/mixture/article:</i>	Article
<i>Issue date</i>	1-9-2020
<i>Version number</i>	1.05

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

<i>Identified uses</i>	Various applications where reinforcement of other materials is desired.
<i>Uses advised against</i>	Not known

### 1.3 Company identification:

<i>Manufacturer</i>	Dentatus AB
<i>Address</i>	Finspångsgatan 42 SE-16353 SPÅNGA
<i>Country</i>	Sweden
<i>Telephone number</i>	+46 8 546 50900
<i>Email</i>	<a href="mailto:info@dentatus.se">info@dentatus.se</a>

### 1.4 Emergency phone numbers:

<i>Emergency phone</i>	+46 8 546 50900
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## 2. Hazards identification

### 2.1 Classification of the substance or mixture:

According to REACH regulation 1907/2006 EC, the product is considered as an article. The preparation of a safety data sheet in accordance with Article 31 of the Regulation (EC) No, 1907/2006 is not legally required for articles. As being an article the product does not require label in accordance with CLP Regulation (EC) No. 1272/2008 and this safety data sheet (SDS) is provided on the voluntary basis for information purpose only.

### Classification according to Regulation (EC) No 1272/2008 as amended

The product is an article and therefore the classification requirements according to Regulation (EC) 1272/2008 as amended do not apply

<i>Hazard summary</i>	Low hazard for recommended handling by trained personnel
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### 2.2 Label elements

#### Label according to Regulation (EC) No 1272/2008 as amended

<i>Hazard pictograms</i>	None
<i>Signal word</i>	None
<i>Hazard statements</i>	Exempt (manufactured article)

### Precautionary statements

<i>Prevention</i>	Observe good industrial hygiene practices
<i>Response</i>	Wash skin with soap and water
<i>Storage</i>	Store away from heat. Keep dry
<i>Disposal</i>	Dispose of waste and residue in accordance with local authority requirements
<i>Supplemental label information</i>	None

### 2.3 Other hazards

Processing may generate hazardous fumes and dusts. Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eye, mucous membrane and respiratory tract. May cause irritation through mechanical abrasion. Exposure to smoke or fumes evolved during cutting, machining or grinding operations may cause sneezing or coughing and irritate the nose, throat and upper respiratory tract. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Persons with epoxy allergy should not work with this product. Can cause skin irritation.



# SAFETY DATA SHEET - Glass fiber material Luscent R

## 3. Composition/Information on ingredients

### 3.2 Mixtures

Name	CAS No.	Content %	REACH Registration no
Glass fiber (PAN-based)	65997-17-3	> 60	-
Cured epoxy resin (2 component system)	25068-38-6 2855-13-2	< 40	-

## 4. First aid measures

### General information

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

### 4.1 Description of first aid measures

<i>Inhalation</i>	In case of inhalation of fumes from heated product: move to fresh air.
<i>Skin contact</i>	Sharp edges may cause cuts and irritation. Short fiber particles may break out of the surface of the product. These particles can cause skin irritation. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area.
<i>Eye contact</i>	If exposed to fumes or smoke flush eyes with large amount of water for at least 15 minutes. Dust in the eyes: do not rub the eye. Flush thoroughly with water. If irritation occurs, get medical assistance.
<i>Ingestion</i>	Give water to the victim if conscious, but do not make him vomit. In case of vomiting, do not let the victim swallow the vomit. Do not give anything to ingest to unconscious or convulsing victim.

### 4.2 Most important symptoms and effect, both acute and delayed

No specific symptoms noted

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

## 5. Firefighting measures

### General information

This product is non-flammable. Will burn if involved in a fire.

### 5.1 Extinguishing media

<i>Suitable extinguishing media</i>	Use fire-extinguishing media appropriate for surrounding materials
<i>Unsuitable extinguishing media</i>	None known

### 5.2 Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed

### 5.3 Advise for fire fighters

<i>Special protective equipment for fire fighters</i>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<i>Special firefighting procedures</i>	Use standard firefighting procedures and consider the hazards if other involved materials. Cool material exposed to heat, spray with water and remove it if no risk is involved.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

<i>For non-emergency personnel</i>	Ensure adequate ventilation. Avoid contact with skin and eyes, which may cause lacerations
<i>For emergency responders</i>	Use personal protection recommended in section 8 of the SDS.



# SAFETY DATA SHEET - Glass fiber material Luscent R

## 6.2 Environmental precautions

Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

Collect spillage

## 6.4 Reference to other sections

For personal protection, see Section 8 of the SDS. For waste disposal, see Section 13 of the SDS.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Provide adequate ventilation. Use work methods which minimize dust/fume production. Avoid inhalation of dust. Avoid inhalation of fumes from heated product. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

### 7.2 Conditions for safe storage, including any incompatibilities

Store away from heat. Keep dry. Keep at temperature not exceeding 40° C

### 7.3 Specific end use(s)

Structural reinforcement

## 8. Exposure controls/personal protection

### 8.1 Control parameters

<i>Occupational exposure limits</i>	Not available
<i>Biological exposure limits</i>	No biological exposure limits noted for the ingredient(s)
<i>Recommended monitoring procedures</i>	Follow standard monitoring procedures
<i>Derived no effect levels (DNELs)</i>	Not available
<i>Predicted no effect concentrations (PNECs)</i>	Not available

### 8.2 Exposure controls

<i>Appropriate engineering controls</i>	General ventilation is normally adequate. Observe occupational exposure limits and minimize the risk of exposure.
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### Individual protection measures, such as personal protective equipment

*General information* Use personal protection recommended as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of personal protective equipment.

*Eye/face protection* Use tight fitting goggles if dust is generated by machining operation.

#### *Skin protection*

- *Hand protection* Wear suitable protective gloves to prevent cuts, abrasions and irritation. Suitable gloves can be recommended by the glove supplier.

- *Other* Protective clothing is not required under normal conditions. If material is heated, wear gloves to protect against thermal burns. To prevent irritation the use of a barrier crème is recommended.

*Respiratory protection* Not necessary under normal conditions. Wear respirator if there is dust formation.

*Thermal hazards* Wear appropriate thermal protective clothing, when necessary.

### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Environmental exposure

Environmental manager must be informed of all major releases.



# SAFETY DATA SHEET - Glass fiber material Luscent R

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties.

#### Appearance

- Physical state	Solid
- Form	Solid - multiple forms optional such as rod, tube, rectangular strip, etc.
- Color	White
Odor	None
Odor threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
- Flammability limit – lower	Not applicable
- Flammability limit – upper	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1,7 - 2
Solubility(ies)	Insoluble in water
Partition coefficient (n-octanol/water)	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

## 10. Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Material is stable under normal conditions

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Avoid high temperatures. Heating. Avoid dust formation.

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## 11. Toxicological information

### General information

Occupational exposure to the substance(s) generated during processing of the material may cause adverse health effects.

### Information on likely routes of exposure

- |               |  |
|---------------|--|
| -Inhalation   | Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract |
| -Skin contact | The material has sharp edges, which may damage skin. May cause irritation through mechanical abrasion.                         |



# SAFETY DATA SHEET - Glass fiber material Luscent R

-Eye contact	The material has sharp edges, which may damage eyes. Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eyes.
-Ingestion	Ingestion of smaller parts or dusts generated during working operations may cause irritation to throat, nausea or vomiting.
Symptoms	Mechanical irritation of skin, eyes and respiratory system

## 11.1 Information on toxicological effects

Acute toxicity	Not relevant, due to the form of the product in its manufactured and shipped state
Skin corrosion/irritation	Dust/ fiber filaments may irritate skin
Serious eye damage/eye irritation	Dust/fiber filaments may irritate the eyes
Respiratory sensitization	Based on available data, the classification criteria are not met.
Skin sensitization	Not classified. However: preparation contains an epoxy resin, which may cause sensitization and development of allergy
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	No data available
Mixture versus substance information	No data available
Other information	Because of the polymerically bound form of the product, the risk inherent to the active substances is minimized for all kinds of absorption

## 12. Ecological information

### 12.1 Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2 Persistency and degradability

The product is not expected to be readily biodegradable.

### 12.3 Bioaccumulative potential

The product is not expected to bioaccumulate

Partition coefficient <i>n</i> -octanol/water ( <i>log K<sub>ow</sub></i> )	Not applicable
Bioconcentration factor ( <i>BCF</i> )	Not available

### 12.4 Mobility in soil

The product is insoluble in water and will sediment in water systems.

### 12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB substance or mixture.

### 12.6 Other adverse effects

Generally polymer compounds may contain ingredients (raw materials) that can pose a danger to aquatic organisms should these ingredients be extracted into the water in which the organisms live. Through encapsulation in the polymeric matrix, volatility and migration of ingredients is reduced such that the bio-availability is nearly eliminated.



# SAFETY DATA SHEET - Glass fiber material Luscent R

## 13. Disposal considerations

### 13.1 Waste treatment methods

<i>Residual waste</i>	Dispose of in accordance with local regulations
<i>Contaminated packaging</i>	Not applicable
<i>EU waste code</i>	16 03 04 The waste code should be assigned in discussion between the user, the producer and the waste disposal company
<i>Disposal methods/information</i>	Dispose of contents/container in accordance with local/regional/national/international regulations

## 14. Transport information

<i>ADR</i>	14.1-14.6: not regulated as dangerous goods
<i>RID</i>	14.1-14.6: not regulated as dangerous goods
<i>ADN</i>	14.1-14.6: not regulated as dangerous goods
<i>IATA</i>	14.1-14.6: not regulated as dangerous goods
<i>IMDG</i>	14.1-14.6: not regulated as dangerous goods
<i>14.7 Transport in bulk acc. To annex of MARPOL 73/78 and the IBC code</i>	Not applicable

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture

#### EU Regulations

<i>Regulation (EC) no. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended</i>	Not listed
<i>Regulation (EC) no. 850/2004 On persistent organic pollutants, Annex I as amended</i>	Not listed
<i>Regulation (EC) no. 649/2012 Concerning the export and import of dangerous chemicals, Annex I, part 1 as amended</i>	Not listed
<i>Regulation (EC) no. 649/2012 Concerning the export and import of dangerous chemicals, Annex I, part 2 as amended</i>	Not listed
<i>Regulation (EC) no. 649/2012 Concerning the export and import of dangerous chemicals, Annex I, part 3 as amended</i>	Not listed
<i>Regulation (EC) no. 649/2012 Concerning the export and import of dangerous chemicals, Annex V as amended</i>	Not listed
<i>Regulation (EC) no. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended</i>	Not listed
<i>Regulation (EC) no. 1907/2006, REACH, article 59(10) Candidate List as currently published by ECHA</i>	Not listed

#### Authorizations

<i>Regulation (EC) no. 1907/2006, REACH, Annex XIV Substances subject to authorization, as amended</i>	Not listed
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#### Restrictions on use

<i>Regulation (EC) no. 1907/2006, REACH, Annex XVII Substances subject to restriction on marketing and use as amended</i>	Not listed
<i>Directive 2004/37/EC: on the protection of workers from the risks related to carcinogens and mutagens at work, as amended</i>	Not listed

#### Other EU regulations

<i>Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended</i>	Not listed
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#### Other regulations

The product is an article and therefore the classification requirements according to Regulation (EC) 1272/2008 as amended do not apply



# SAFETY DATA SHEET - Glass fiber material Luscent R

## National regulations

Follow national regulation for work with chemical agents

## 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## 16. Other information

*List of abbreviations*

Not available

*References*

GESTIS Substance database

C&L Inventory database

In-house data

*Information on evaluation method learning to the classification of mixture*

Not applicable

*Full text of any H-statements not written out in full under sections 2 to 15*

None

*Training information*

Follow training instructions when handling this material.

*Disclaimer*

The information provided on this SDS is correct to the best of our supplier's knowledge, information and belief at the date of its publication. The information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification

*Supplier SDS ID:*

SDS Sheet (EU version) Glass fibre material – Version 01.05 –Iss. Date 09.2020