

# SAFETY DATA SHEET



Fillcoat fibres

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : Fillcoat fibres  
**Product description** : Paint  
**Product type** : Liquid.  
**UFI** : TPM1-R0S8-400C-3PVW  
**Product code** : ROI0110

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

Identified uses	
Consumer use Industrial use Professional use	
Uses advised against	Reason
None identified.	-

### 1.3 Details of the supplier of the safety data sheet

RUST-OLEUM EUROPE  
Martin Mathys NV, Kolenbergstraat 23, B-3545 Zelem, Belgium  
Telephone no.: +32 (0) 13 460 200  
Fax no.: +32 (0) 13 460 201

Tor Coatings Limited  
Unit 21, White Rose Way, Follingsby Park, Gateshead, Tyne & Wear, NE10 8YX United Kingdom  
Telephone no.: +44 (0) 191 4106611  
Fax no.: +44 (0) 191 4920125  
enquiries@tor-coatings.com

**e-mail address of person responsible for this SDS** : rpmeurohas@rustoleum.eu

### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

#### Supplier

Telephone number United Kingdom: : +44 870 8200418 / +44 2038073798  
Great Britain  
Hours of operation : 24 / 7

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to UK CLP/GHS

Flam. Liq. 3, H226  
Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.  
See Section 16 for the full text of the H statements declared above.

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## SECTION 2: Hazards identification

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

#### Hazard pictograms



#### Signal word

: Warning

#### Hazard statements

: H226 - Flammable liquid and vapour.  
H412 - Harmful to aquatic life with long lasting effects.

#### Precautionary statements

##### General

: P103 - Read carefully and follow all instructions.  
P102 - Keep out of reach of children.  
P101 - If medical advice is needed, have product container or label at hand.

##### Prevention

: P280 - Wear protective gloves.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Response

: P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

##### Storage

: P403 + P235 - Store in a well-ventilated place. Keep cool.

##### Disposal

: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Supplemental label elements

: EUH066 - Repeated exposure may cause skin dryness or cracking.  
EUH208 - Contains Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide), Octadecanamide, 12-hydroxy-N-[2-[(1-oxooctadecyl)amino]ethyl]- and Octadecanoic acid, 12-hydroxy-, 1-hexyl-12-[[2-[(12-hydroxy-1-oxooctadecyl)amino]ethyl]amino]-12-oxododecyl ester and isobutyl methacrylate. May produce an allergic reaction.

#### Supplemental label elements : Detergents - Regulation (EC) No 907/2006

: Not applicable.

#### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

: Not applicable.

#### Special packaging requirements

##### Containers to be fitted with child-resistant fastenings

: Not applicable.

##### Tactile warning of danger

: Not applicable.

### 2.3 Other hazards

#### Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### Product meets the criteria for endocrine disrupting properties according to Regulation (EC) No. 1907/2006.

:  Not applicable

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**SECTION 2: Hazards identification**

**Other hazards which do not result in classification** : None known.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures** : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
naphtha (petroleum), heavy alkylate C9-C11	REACH #: 01-2119471991-29 EC: 923-037-2 CAS: 64741-65-7	≥10 - ≤21	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	[1] [2]
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	REACH #: 01-2119463258-33 EC: 919-857-5	≤13	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066	[1] [2]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	≤4,6	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	REACH #: 01-2119475515-33 EC: 927-510-4 CAS: 64742-49-0 Index: 649-328-00-1	≤1,6	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1] [2]
Soybean oil, epoxidized	REACH #: 01-2119471314-43 EC: 232-391-0 CAS: 8013-07-8	≤1,8	Aquatic Chronic 2, H411	[1]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	<1	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]
hydrocarbons, C10-C13, n-/ iso-/ cyclo-alkanes, < 2% aromatics	REACH #: 01-2119457273-39 EC: 265-150-3 CAS: 64742-48-9	≤1	Asp. Tox. 1, H304 EUH066	[1]
Reaction mass of N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide), Octadecanamide, 12-hydroxy-N-[2-[(1-oxooctadecyl)amino]ethyl]- and Octadecanoic acid, 12-hydroxy-, 1-hexyl-12-[[2-[(12-hydroxy-1-oxooctadecyl)amino]ethyl]amino]-12-oxododecyl ester isobutyl methacrylate	-	≤0,3	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	[1]
	REACH #: 01-2119488331-38 EC: 202-613-0 CAS: 97-86-9 Index: 607-113-00-X	≤0,3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 STOT SE 3, H335  <b>See Section 16 for the full text of the H statements declared above.</b>	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

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## SECTION 3: Composition/information on ingredients

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking
- Ingestion** : No specific data.

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

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

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## SECTION 5: Firefighting measures

**Hazards from the substance or mixture** : Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous combustion products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 halogenated compounds  
 metal oxide/oxides

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

**Additional information** : No unusual hazard if involved in a fire.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### 6.3 Methods and material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

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## SECTION 6: Accidental release measures

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

### 7.1 Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### Seveso Directive - Reporting thresholds

##### Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonnes	50000 tonnes

### 7.3 Specific end use(s)

**Recommendations** : Not available.  
**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

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## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Exposure limit values
naphtha (petroleum), heavy alkylate C9-C11	<b>EH40/2005 WELs (United Kingdom (UK), 6/2005)</b> STEL 15 minutes: 850 mg/m <sup>3</sup> (as turpentine ***TO BE TRANSLATED***). Form: Vapour. TWA 8 hours: 566 mg/m <sup>3</sup> (as turpentine (100 ppm)). Form: Vapour.
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	<b>Recommended by manufacturer (GB, 2009) [hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, &lt; 2% aromatics]</b> TWA 8 hours: 1200 mg/m <sup>3</sup> (as hydrocarbon mixture (A) (197 ppm)). Form: Vapour.
1-methoxy-2-propanol	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020)</b> Absorbed through skin. STEL 15 minutes: 560 mg/m <sup>3</sup> . STEL 15 minutes: 150 ppm. TWA 8 hours: 375 mg/m <sup>3</sup> . TWA 8 hours: 100 ppm.
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<b>Recommended by manufacturer (Europe) Notes:</b> Recommended by manufacturer TWA 8 hours: 340 mg/m <sup>3</sup> ((100 ppm)). Form: Vapour.
n-butyl acetate	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020)</b> STEL 15 minutes: 966 mg/m <sup>3</sup> . STEL 15 minutes: 200 ppm. TWA 8 hours: 724 mg/m <sup>3</sup> . TWA 8 hours: 150 ppm.

### Biological exposure indices

No exposure indices known.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

Product/ingredient name	Result	Value	Effects
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	<b>DNEL - Workers - Long term - Dermal</b>	280 mg/kg	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b>	871 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Oral</b>	125 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Inhalation</b>	185 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Dermal</b>	125 mg/kg	<u>Effects:</u> Systemic
1-methoxy-2-propanol	<b>DNEL - Workers - Short term - Inhalation</b>	553,5 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b>	369 mg/m <sup>3</sup>	<u>Effects:</u> Systemic

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Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<b>DNEL - Workers - Long term - Dermal</b>	50,6 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Inhalation</b>	43,9 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Dermal</b>	18,1 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Oral</b>	3,3 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	369 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b>	553,5 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Oral</b>	149 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Oral</b>	300 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Oral</b>	149 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	2085 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
Soybean oil, epoxidized	<b>DNEL - General population - Long term - Oral</b>	0,8 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Dermal</b>	0,8 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b>	1,7 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b>	2,8 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Short term - Oral</b>	5 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Short term - Dermal</b>	5 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Dermal</b>	10 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	11,9 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Short term - Inhalation</b>	17,5 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b>	70 mg/m <sup>3</sup>	<u>Effects:</u> Systemic

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n-butyl acetate	<b>DNEL - Workers - Long term - Dermal</b>	7 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Oral</b>	3,4 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b>	960 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Inhalation</b>	960 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b>	480 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	480 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - General population - Consumers - Short term - Inhalation</b>	859,7 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Short term - Inhalation</b>	859,7 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - General population - Consumers - Long term - Inhalation</b>	102,34 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Consumers - Long term - Inhalation</b>	102,34 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - General population - Consumers - Long term - Dermal</b>	3,4 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Oral</b>	2 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Short term - Oral</b>	2 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Dermal</b>	3,4 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Short term - Dermal</b>	6 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b>	7 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Short term - Dermal</b>	11 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b>	12 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
<b>DNEL - General population - Long term - Inhalation</b>	35,7 mg/m <sup>3</sup>	<u>Effects:</u> Local	
<b>DNEL - Workers - Long term - Inhalation</b>	48 mg/m <sup>3</sup>	<u>Effects:</u> Systemic	

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hydrocarbons, C10-C13, n-/ iso-/ cyclo-alkanes, < 2% aromatics	<b>DNEL - General population - Short term - Inhalation</b>	300 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - General population - Short term - Inhalation</b>	300 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	300 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - Workers - Short term - Inhalation</b>	600 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - Workers - Short term - Inhalation</b>	600 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b>	208 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Dermal</b>	125 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b>	185 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Oral</b>	125 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Inhalation</b>	871 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Dermal</b>	3 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - Workers - Long term - Dermal</b>	5 mg/kg bw/day	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b>	66,5 mg/m <sup>3</sup>	<u>Effects:</u> Systemic
	<b>DNEL - General population - Long term - Inhalation</b>	366,4 mg/m <sup>3</sup>	<u>Effects:</u> Local
isobutyl methacrylate	<b>DNEL - Workers - Long term - Inhalation</b>	409 mg/m <sup>3</sup>	<u>Effects:</u> Local
	<b>DNEL - Workers - Long term - Inhalation</b>	415,9 mg/m <sup>3</sup>	<u>Effects:</u> Systemic

### PNECs

<b>Product/ingredient name</b>	<b>Result</b>	<b>Value</b>	<b>Remarks</b>
1-methoxy-2-propanol	<b>Fresh water</b>	10 mg/l	-
	<b>Fresh water sediment</b>	41,6 mg/l	-
	<b>Marine water sediment</b>	4,17 mg/l	-
	<b>Soil</b>	2,47 mg/l	-
	<b>Sewage Treatment Plant</b>	100 mg/l	-
n-butyl acetate	<b>Fresh water</b>	0,18 mg/l	-
	<b>Marine</b>	0,018 mg/l	-

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	<b>Fresh water sediment</b>	0,981 mg/kg	-
	<b>Marine water sediment</b>	0,0981 mg/kg	-
	<b>Soil</b>	0,0903 mg/kg	-
	<b>Sewage Treatment Plant</b>	35,6 mg/l	-

### 8.2 Exposure controls

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Use eye protection according to EN 166. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): nitrile rubber (0.5mm)

The recommendation for the type or types of glove to use when handling this product is based on information from the following source: EN374. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to British Standard BS EN 1149 for further information on material and design requirements and test methods. Recommended: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Fillcoat fibres

## SECTION 8: Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapour (Type A) and particulate filter (EN 140)
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

- Physical state** : Liquid.
- Colour** : Various
- Odour** : Turpentine-like [Slight]
- Odour threshold** : Not available.
- Melting point/freezing point** :  Not applicable.
- Initial boiling point and boiling range** : 45°C (113°F) [Literature Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics]
- Flammability (solid, gas)** : Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts. Vapour may travel a considerable distance to source of ignition and flash back.
- Lower and upper explosion limit** : Lower: 0,65% [Calculated (Le Chatelier mixture rule)]  
Upper: 6,91% [Calculated (Le Chatelier mixture rule)]
- Flash point** : Closed cup: 36°C (96,8°F) [Literature hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics]
- Auto-ignition temperature** : >200°C (>392°F) [Literature naphtha (petroleum), heavy alkylate C9-C11]
- Decomposition temperature** : Not applicable.
- pH** : Not applicable.
- pH : Justification** : Product is non-soluble (in water).
- Viscosity** : Dynamic (room temperature): 1950 to 2250 mPa·s [ASTM D562 [KU]]  
Kinematic (room temperature): 1931 to 2296 mm<sup>2</sup>/s [calculated.]  
Kinematic (40°C): >20,5 mm<sup>2</sup>/s [calculated.]

### Solubility(ies)

Media	Result
cold water	Not soluble
hot water	Not soluble

- Solubility in water** : Not available.
- Partition coefficient: n-octanol/ water** : Not applicable.
- Vapour pressure** : 0,2 kPa (1,5 mm Hg) [Literature naphtha (petroleum), heavy alkylate C9-C11]
- Evaporation rate** : 0,2 (Butyl acetate. = 1)
- Relative density** : Not available.
- Density** : 0,98 to 1,01 g/cm<sup>3</sup> [20°C (68°F)] [DIN 53217]
- Vapour density** : >1 [Air = 1]
- Explosive properties** : Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts. No unusual hazard if involved in a fire.

Fillcoat fibres

## SECTION 9: Physical and chemical properties

**Oxidising properties** : Not available.

### Particle characteristics

**Median particle size** : Not applicable.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability** : The product is stable.

**10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.

**10.5 Incompatible materials** : Reactive or incompatible with the following materials:  
oxidising materials

**10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Value
1-methoxy-2-propanol	<b>Mouse - Oral - LD50</b>	11700 mg/kg
	<b>Rabbit - Dermal - LD50</b>	13 g/kg
	<b>Rat - Inhalation - LC50 Vapour</b>	30,02 mg/l [4 hours]
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<b>Rat - Oral - LD50</b>	>5000 mg/kg
	<b>Rabbit - Dermal - LD50</b>	>3000 mg/kg
	<b>Rat - Inhalation - LC50 Vapour</b>	>50 mg/l [4 hours]
Soybean oil, epoxidized	<b>Rat - Oral - LD50</b>	21000 to 40000 mg/kg
	<b>Rabbit - Dermal - LD50</b>	>20000 mg/kg
	<b>Rat - Oral - LD50</b>	40 g/kg
n-butyl acetate	<b>Rat - Oral - LD50</b>	14000 mg/kg
	<b>Rat - Inhalation - LC50 Vapour</b>	>21 mg/l [4 hours]
	<b>Rat - Inhalation - LC50 Vapour</b>	9700 mg/m <sup>3</sup> [4 hours]

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### Acute toxicity estimates

Fillcoat fibres

## SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	10000	N/A	N/A	N/A	N/A
Soybean oil, epoxidized	40000	N/A	N/A	N/A	N/A

### Skin corrosion/irritation

Product/ingredient name	Result	Exposure	Observation
Soybean oil, epoxidized	Rabbit - Skin - Mild irritant	Amount/concentration applied: 500 mg	-

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### Ingredient name

naphtha (petroleum), heavy alkylate C9-C11  
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics  
1-methoxy-2-propanol  
n-butyl acetate

#### Conclusion/Summary

Non-irritating to the skin.  
May cause mild skin irritation  
  
Non-irritating to the skin.  
Non-irritating to the skin.

### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### Ingredient name

naphtha (petroleum), heavy alkylate C9-C11  
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics  
1-methoxy-2-propanol  
n-butyl acetate

#### Conclusion/Summary

Non-irritating to the eyes.  
Non-irritating to the eyes.  
  
Non-irritating to the eyes.  
Non-irritating to the eyes.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

### Respiratory or skin sensitization

Product/ingredient name	Species - Route of exposure	Result
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	Rabbit - skin	Result: Not sensitizing

### Skin

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### Ingredient name

naphtha (petroleum), heavy alkylate C9-C11  
1-methoxy-2-propanol  
n-butyl acetate

#### Conclusion/Summary

Non-sensitiser to skin.  
Non-sensitiser to skin.  
Non-sensitiser to skin.

### Respiratory

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

Fillcoat fibres

## SECTION 11: Toxicological information

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### **Ingredient name**

hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics

#### **Conclusion/Summary**

Not mutagenic in a standard battery of genetic toxicological tests.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

#### **Ingredient name**

hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics

#### **Conclusion/Summary**

No carcinogenic effect.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics

1-methoxy-2-propanol

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

n-butyl acetate

isobutyl methacrylate

#### **Result**

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H336 (Narcotic effects)

STOT SE 3, H335 (Respiratory tract irritation)

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### **Product/ingredient name**

naphtha (petroleum), heavy alkylate C9-C11

hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

hydrocarbons, C10-C13, n-/ iso-/ cyclo-alkanes, < 2% aromatics

#### **Result**

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

ASPIRATION HAZARD - Category 1

### Information on likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : Defatting to the skin. May cause skin dryness and irritation.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

Fillcoat fibres

## SECTION 11: Toxicological information

<b>Eye contact</b>	: No specific data.
<b>Inhalation</b>	: No specific data.
<b>Skin contact</b>	: Adverse symptoms may include the following: irritation dryness cracking
<b>Ingestion</b>	: No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Based on available data, the classification criteria are not met.

<b>General</b>	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: No known significant effects or critical hazards.

### Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species
naphtha (petroleum), heavy alkylate C9-C11	<b>Acute - EC50</b> >1000 mg/l [24 hours]	Daphnia spec.
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	<b>Acute - NOEC</b> 100 mg/l [72 hours]	Algae
	<b>Chronic - NOEC</b> 0,23 mg/l	Daphnia spec.
	<b>Chronic - NOEC</b> 0,131 mg/l	Fish
1-methoxy-2-propanol	<b>Acute - LC50 - Fresh water</b> 6812 mg/l [96 hours]	Fish - Golden orfe (leuciscus idus)
	<b>Acute - EC50</b> 23300 mg/l [96 hours]	Daphnia spec. - Daphnia spec.
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<b>Acute - EC50</b> >1000 mg/l [7 days]	Algae
	<b>Acute - LC50</b> 12 mg/l [96 hours]	Fish

Fillcoat fibres

## SECTION 12: Ecological information

Soybean oil, epoxidized	<b>Acute - EC50</b> 6 mg/l [96 hours]	Daphnia spec.	
	<b>Acute - IC50</b> 55 mg/l [72 hours]	Algae	
	<b>Acute - LC50</b> 3 to 10 mg/l [96 hours]	Fish - Rainbow trout (oncorhynchus mykiss)	
	<b>Acute - EC50</b> 4,6 to 10 mg/l [96 hours]	Daphnia spec.	
	<b>Acute - IC50</b> 10 to 30 mg/l [72 hours]	Algae	
	<b>Acute - LC50</b> >100 mg/l [24 hours]	Daphnia spec.	
	<b>Acute - LC50</b> 900 mg/l [48 hours]	Fish - Golden orfe (leuciscus idus)	
	<b>Acute - EC50</b> 8 mg/l [72 hours]	Algae - Goldfish (carassius auratus)	
	n-butyl acetate	<b>Acute - EC50 - Fresh water</b> 44 mg/l [48 hours]	Daphnia spec. - Daphnia spec.
		<b>Acute - EC50 - Fresh water</b> 397 mg/l [72 hours]	Algae
<b>Acute - LC50 - Fresh water</b> 18 mg/l [96 hours]		Fish - Fathead minnow	
<b>Chronic - NOEC - Fresh water</b> 23 mg/l [21 days]		Daphnia spec. - Daphnia spec.	
	<b>Acute - LC50 - Marine water</b> 32 mg/l [48 hours]	Crustaceans - Brine shrimp	

**Conclusion/Summary [Product]** : Harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

Product/ingredient name	Test	Result
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	-	>80% [28 days] - Readily
	-	>80% [28 days] - Readily
1-methoxy-2-propanol	<b>1,95 gO<sub>2</sub>/g - ThOD</b>	>90% [5 days] - Readily
	-	96% [28 days] - Readily
	-	88 to 92% [28 days] - Readily
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<b>Aerobic</b>	97,5% [28 days] - Readily
n-butyl acetate	-	90% [28 days] - Readily
	-	83% [28 days] - Readily
	-	80% [5 days]

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## SECTION 12: Ecological information

**Conclusion/Summary [Product]** : This product has not been tested for biodegradation.

**Ingredient name**

hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics  
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics  
n-butyl acetate

**Conclusion/Summary**

Rapidly lost by degradation and volatilisation.  
Rapidly lost by degradation and volatilization.  
This product is readily biodegradable.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
naphtha (petroleum), heavy alkylate C9-C11	-	-	Readily
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	-	100%; <28 day(s)	Readily
1-methoxy-2-propanol	<28 days [Fresh water] [5 to 25 °C]	-	Readily
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	<28 days [Fresh water] [5 to 25 °C]	-	Readily
n-butyl acetate	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
naphtha (petroleum), heavy alkylate C9-C11	>3	-	Low
hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics	5 to 6.5	10 to 2500	High
1-methoxy-2-propanol	<1	<100	Low
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	3,5	-	Low
Soybean oil, epoxidized	>6.2	-	High
n-butyl acetate	2,3	10	Low
isobutyl methacrylate	2,95	-	Low

### 12.4 Mobility in soil

**Soil/water partition coefficient** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

Fillcoat fibres

## SECTION 12: Ecological information

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
naphtha (petroleum), heavy alkylate C9-C11	No	N/A	N/A	No	N/A	N/A	N/A
hydrocarbons, C9-C11, n-/iso-/ cyclo-alkanes, < 2% aromatics	No	N/A	No	No	No	N/A	No
1-methoxy-2-propanol	No	No	No	No	No	No	No
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	No	No	N/A	No	No	No	N/A
Soybean oil, epoxidized	No	N/A	N/A	No	N/A	N/A	N/A
n-butyl acetate	No	N/A	No	No	No	N/A	No
hydrocarbons, C10-C13, n-/iso-/ cyclo-alkanes, < 2% aromatics	No	N/A	N/A	No	N/A	N/A	N/A
Reaction mass of N,N'-ethane-1,2-diylbis (12-hydroxyoctadecan-1-amide), Octadecanamide, 12-hydroxy-N-[2-[(1-oxooctadecyl)amino]ethyl]- and Octadecanoic acid, 12-hydroxy-, 1-hexyl-12-[[2-[(12-hydroxy-1-oxooctadecyl)amino]ethyl]amino]-12-oxododecyl ester	No	N/A	N/A	No	N/A	N/A	N/A
isobutyl methacrylate	No	N/A	N/A	No	N/A	N/A	N/A

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance.

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Yes.

#### Waste catalogue

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Fillcoat fibres

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3 	3 	3 	3 
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	No.	No.	No.	No.

### Additional information ADR

**Viscous liquid exception** This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1.

Limited quantity	: 5L
Transport Category	: 3
Hazard identification number	: 30
Classification code	: F1
ADR Label Model Number	: 3
Excepted Quantity	: E1
Tunnel code	: (D/E)
Packing instructions	: P001, IBC03, LP01, R001
Mixed Packing Provisions	: MP19
Special Packing Provisions	: PP1
Special provisions	: 163, 367, 650

### Additional information ADN

**Viscous liquid exception** This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1.

Limited quantity	: 5L
Classification code	: F1
Special provisions	: 163, 367, 650
Remarks	: ≤ 5L: Limited Quantity

### Additional information IMDG

**Viscous liquid exception** This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.

Limited quantity	: 5L
Emergency schedules	: F-E, <u>S-E</u>
Special provisions	: 163, 223, 367, 955
Remarks	: ≤ 5L: Limited Quantity - IMDG 3.4

### Additional information IATA

Fillcoat fibres

## SECTION 14: Transport information

- Passenger and Cargo Aircraft** : Quantity limitation 60L Packaging instruction 355  
**Cargo aircraft** : Quantity limitation 220L Packaging instruction 366  
**Limited Quantities - Passenger Aircraft** : Quantity limitation 10L Packaging instruction Y344  
**Special provisions** : A3, A72, A192

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture UK (GB)/REACH

#### Annex XIV - List of substances subject to authorisation

##### Annex XIV

None of the components are listed above the relevant limit.

##### Substances of very high concern

None of the components are listed above the relevant limit.

#### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	%	Designation [Usage]
Fillcoat fibres	≥90	3

**Labelling** : Not applicable.

#### Synthetic polymer microparticles - Designation 78

**Generic identity of polymer(s)** : Not applicable.

**Total percentage of synthetic polymer microparticles** : Not applicable.

#### Other EU regulations

**VOC** : The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

**VOC for Ready-for-Use Mixture** : IIA/i. One-pack performance coatings. EU limit value for this product : 500g/l (2010.) This product contains a maximum of 450 g/l VOC.

**Industrial emissions (integrated pollution prevention and control) - Air** : Not listed

**Industrial emissions (integrated pollution prevention and control) - Water** : Not listed

#### Ozone depleting substances

Not listed.

#### Prior Informed Consent (PIC)

Fillcoat fibres

## SECTION 15: Regulatory information

Not listed.

### Persistent Organic Pollutants

Not listed.

### Seveso Directive

This product is controlled under the Seveso Directive.

#### Danger criteria

Category
P5c

### EU regulations

**Industrial emissions (integrated pollution prevention and control) - Air** : Not listed

**Industrial emissions (integrated pollution prevention and control) - Water** : Not listed

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

**CN code** : 3208 90 91 00

#### Inventory list

**Australia** : Not determined.

**Canada** : At least one component is not listed.

**China** : At least one component is not listed.

**Eurasian Economic Union** : **Russian Federation inventory**: Not determined.

**Japan** : **Japan inventory (CSCL)**: At least one component is not listed.  
**Japan inventory (ISHL)**: At least one component is not listed.

**New Zealand** : At least one component is not listed.

**Philippines** : At least one component is not listed.

**Republic of Korea** : At least one component is not listed.

**Taiwan** : All components are listed or exempted.

**Thailand** : Not determined.

**Turkey** : At least one component is not listed.

**United States** : Not determined.

**Viet Nam** : Not determined.

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments are still required.

Fillcoat fibres

**SECTION 16: Other information**

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms**

: ATE = Acute Toxicity Estimate  
 GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = GB CLP-specific Hazard statement  
 N/A = Not available  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 SGG = Segregation Group  
 vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification**

Classification	Justification
Flam. Liq. 3, H226 Aquatic Chronic 3, H412	On basis of test data Calculation method

**Full text of abbreviated H statements**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Full text of classifications**

Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

**Date of printing** : 13/11/2025

**Date of issue/ Date of revision** : 13/11/2025

**Date of previous issue** : 23/09/2025

**Version** : 12

**Notice to reader**

**IMPORTANT NOTE:** The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates. Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

**MANUFACTURER'S DISCLAIMER:** the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the

Fillcoat fibres

## **SECTION 16: Other information**

handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.