

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

### 1.1. Product identifier

**Product Code** 104440\_104415

**Product Name** EVERCOAT 440 EXPRESS

**Unique Formula Identifier (UFI) Code** 14S2-H03P-S004-95KD, 76S2-00T3-200M-YH5F  
Contains Synthetic Amorphous Crystalline-Free Silica, Methyl Amyl Ketone, 2-Butoxyethanol, 2-Methoxypropyl acetate

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

**Recommended Use** Elimination of pin holes. For professional use only.

**Uses advised against** Uses other than recommended use.

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

<b>Importer</b>	<b>Manufacturer</b>
INDASA PT	ITW Evercoat
P.O. Box 3005	A division of Illinois Tool Works Inc.
3801-101 Aveiro, Portugal	6600 Cornell Road
Telephone: +(351) 234 303 600	Cincinnati, OH 45242 USA
	513-489-7600

For further information, please contact

**E-mail address:** Info@evercoat.com

Non-Emergency Telephone Number +1 (513) 489-7600 or (800) 729-7600

### 1.4. Emergency telephone number

24-hour emergency phone number - CHEMTREC: 1-800-424-9300 INTERNATIONAL: 1-703-527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

<b>Acute toxicity - Oral</b>	Category 4 - (H302)
<b>Acute toxicity - Inhalation (Dusts/Mists)</b>	Category 4 - (H332)
<b>Skin corrosion/irritation</b>	Category 2 - (H315)
<b>Serious eye damage/eye irritation</b>	Category 2 - (H319)
<b>Reproductive toxicity</b>	Category 1B - (H360D)
<b>Chronic aquatic toxicity</b>	Category 3 - (H412)
<b>Flammable liquids</b>	Category 3 - (H226)

### 2.2. Label elements

Contains Synthetic Amorphous Crystalline-Free Silica, Methyl Amyl Ketone, 2-Butoxyethanol, 2-Methoxypropyl acetate

**Signal word**

Danger

**Hazard statements**

Hazard statements

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H332 - Harmful if inhaled  
 H360D - May damage the unborn child  
 H412 - Harmful to aquatic life with long lasting effects  
 H226 - Flammable liquid and vapor

**Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish  
 P403 + P235 - Store in a well-ventilated place. Keep cool

**Additional information**

This product requires tactile warnings if supplied to the general public.

**2.3. Other hazards**

Toxic to aquatic life.

## SECTION 3: Composition/information on ingredients

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration No.	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
2-Butoxyethanol 111-76-2	7 - 13		203-905-0	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	-	-	-
Mixed Xylenes 1330-20-7	5 - 10	Registration no: 01-211953945 2-40-XXXX	215-535-7	Acute Tox. 4 (H312) Acute Tox. 4 (H332)	::	-	-

				Skin Irrit. 2 (H315) Flam. Liq. 3 (H226)			
Glycol ether PM acetate 108-65-6	5 - 10		203-603-9	Flam. Liq. 3 (H226)	-	-	-
Ethyl Benzene 100-41-4	1 - 5		202-849-4	Acute Tox. 4 (H332) STOT RE 2 (H373) Asp. Tox. 1 (H304) Flam. Liq. 2 (H225)	-	-	-
Methyl Amyl Ketone 110-43-0	1 - 5		203-767-1	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Flam. Liq. 3 (H226)	-	-	-
Isopropanol, 2-propanol 67-63-0	1 - 5	Registration no: 01-211945755 8-25-XXXX	200-661-7	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)	-	-	-
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	1 - 5	Registration no. 01-211937949 9-16-XXXX	231-545-4	No data available	-	-	-
2-Methoxypropyl acetate 70657-70-4	0.1 - 1		274-724-2	Repr. 1B (H360D) STOT SE 3 (H335) Flam. Liq. 3 (H226)	-	-	-
Propylene glycol monomethyl ether 107-98-2	0.1 - 1		203-539-1	STOT SE 3 (H336) Flam. Liq. 3 (H226)	-	-	-
Crystalline Silica (Quartz) 14808-60-7	<0.1	Exempt	238-878-4	No data available	-	-	-
Cumene 98-82-8	<0.1		202-704-5	STOT SE 3 (H335) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 3 (H226)	-	-	-

**Full text of H- and EUH-phrases: see section 16**

Acute Toxicity Estimate

No information available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Get medical attention immediately if symptoms occur. Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	May cause redness and tearing of the eyes. Burning sensation.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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**5.3. Advice for firefighters**

<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be
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grounded. Do not touch or walk through spilled material. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

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

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**General hygiene considerations** Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children. Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place.

### **7.3. Specific end use(s)**

#### **Identified uses**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
2-Butoxyethanol 111-76-2	TWA 20 ppm TWA 98 mg/m <sup>3</sup> STEL 50 ppm STEL 246 mg/m <sup>3</sup> *	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL 40 ppm STEL 200 mg/m <sup>3</sup> H*	-	STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> K*
Mixed Xylenes 1330-20-7	TWA 50 ppm TWA 221 mg/m <sup>3</sup> STEL 100 ppm STEL 442 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL 100 ppm STEL 442 mg/m <sup>3</sup>	-	STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> TWA: 50 ppm TWA: 221.0 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> K*
Glycol ether PM acetate 108-65-6	TWA 50 ppm TWA 275 mg/m <sup>3</sup> STEL 100 ppm STEL 550 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL 100 ppm STEL 550 mg/m <sup>3</sup> H*	-	STEL: 100 ppm STEL: 550.0 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275.0 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> K*
Ethyl Benzene 100-41-4	TWA 100 ppm TWA 442 mg/m <sup>3</sup> STEL 200 ppm STEL 884 mg/m <sup>3</sup> *	TWA: 100 ppm TWA: 440 mg/m <sup>3</sup> STEL 200 ppm STEL 880 mg/m <sup>3</sup> H*	-	STEL: 545 mg/m <sup>3</sup> TWA: 435 mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> K*
Methyl Amyl Ketone 110-43-0	TWA 50 ppm TWA 238 mg/m <sup>3</sup> STEL 100 ppm STEL 475 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 237 mg/m <sup>3</sup> STEL 100 ppm STEL 473 mg/m <sup>3</sup> H*	-	STEL: 100 ppm STEL: 475.0 mg/m <sup>3</sup> TWA: 50 ppm TWA: 238.0 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> K*
Isopropanol, 2-propanol 67-63-0	-	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL 800 ppm STEL 2000 mg/m <sup>3</sup>	-	STEL: 1225.0 mg/m <sup>3</sup> TWA: 980.0 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 999 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	TWA 0.1 mg/m <sup>3</sup> respirable fraction	TWA: 4 mg/m <sup>3</sup>	-	TWA: 0.1 mg/m <sup>3</sup>	-
2-Methoxypropyl acetate 70657-70-4	-	TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> STEL 80 ppm STEL 440 mg/m <sup>3</sup> H*	-	-	-
Propylene glycol monomethyl ether 107-98-2	TWA 100 ppm TWA 375 mg/m <sup>3</sup> STEL 150 ppm STEL 568 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 187 mg/m <sup>3</sup> STEL 50 ppm STEL 187 mg/m <sup>3</sup> Ceiling 50 ppm Ceiling 187 mg/m <sup>3</sup> H*	-	STEL: 150 ppm STEL: 568.0 mg/m <sup>3</sup> TWA: 100 ppm TWA: 375.0 mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup>
Crystalline Silica (Quartz) 14808-60-7	TWA 0.1 mg/m <sup>3</sup> respirable fraction	TWA: 0.15 mg/m <sup>3</sup>	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Cumene 98-82-8	TWA 20 ppm TWA 100 mg/m <sup>3</sup> STEL 50 ppm STEL 250 mg/m <sup>3</sup> *	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL 50 ppm STEL 250 mg/m <sup>3</sup> H*	-	STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> K*
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
2-Butoxyethanol 111-76-2	-	-	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>

			H*	STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> A*	STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> iho*
Mixed Xylenes 1330-20-7	-	-	TWA: 25 ppm TWA: 109 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 200 mg/m <sup>3</sup> STEL: 100 ppm STEL: 450 mg/m <sup>3</sup> A*	TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 100 ppm STEL: 440 mg/m <sup>3</sup> iho*
Glycol ether PM acetate 108-65-6	-	-	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> A*	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> iho*
Ethyl Benzene 100-41-4	-	-	TWA: 50 ppm TWA: 217 mg/m <sup>3</sup> H*	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> A*	TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 200 ppm STEL: 880 mg/m <sup>3</sup> iho*
Methyl Amyl Ketone 110-43-0	-	-	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> A*	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> STEL: 75 ppm STEL: 360 mg/m <sup>3</sup> iho*
Isopropanol, 2-propanol 67-63-0	-	-	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 350 mg/m <sup>3</sup> STEL: 250 ppm STEL: 600 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	-	-	-	TWA: 2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>
2-Methoxypropyl acetate 70657-70-4	-	-	TWA: 20 ppm TWA: 110 mg/m <sup>3</sup>	-	-
Propylene glycol monomethyl ether 107-98-2	-	-	TWA: 50 ppm TWA: 185 mg/m <sup>3</sup> H*	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> A*	TWA: 100 ppm TWA: 370 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup> iho*
Crystalline Silica (Quartz) 14808-60-7	-	-	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>
Cumene 98-82-8	-	-	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> A*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> iho*
<b>Chemical name</b>	<b>France</b>	<b>Germany</b>	<b>Germany MAK</b>	<b>Greece</b>	<b>Hungary</b>
2-Butoxyethanol 111-76-2	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> *	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> H*	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 98 mg/m <sup>3</sup> Skin	-	TWA: 98 mg/m <sup>3</sup> STEL: 246 mg/m <sup>3</sup> b*
Mixed Xylenes 1330-20-7	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup> *	TWA: 100 ppm TWA: 440 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> Ceiling / Peak: 100 ppm Ceiling / Peak: 440 mg/m <sup>3</sup> Skin	-	TWA: 221 mg/m <sup>3</sup> STEL: 442 mg/m <sup>3</sup> b*
Glycol ether PM acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Ceiling / Peak: 50 ppm	-	TWA: 275 mg/m <sup>3</sup> STEL: 550 mg/m <sup>3</sup>

	*		Ceiling / Peak: 270 mg/m <sup>3</sup>		
Ethyl Benzene 100-41-4	TWA: 20 ppm TWA: 88.4 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup> *	TWA: 20 ppm TWA: 88 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 88 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 176 mg/m <sup>3</sup> Skin	-	TWA: 442 mg/m <sup>3</sup> STEL: 884 mg/m <sup>3</sup> b*
Methyl Amyl Ketone 110-43-0	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> *	TWA: 238 mg/m <sup>3</sup> H*	-	-	TWA: 238 mg/m <sup>3</sup> STEL: 476 mg/m <sup>3</sup> b*
Isopropanol, 2-propanol 67-63-0	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> Ceiling / Peak: 400 ppm Ceiling / Peak: 1000 mg/m <sup>3</sup>	-	TWA: 500 mg/m <sup>3</sup> STEL: 1000 mg/m <sup>3</sup> b*
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	-	TWA: 4 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup>	-	-
2-Methoxypropyl acetate 70657-70-4	-	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> H*	TWA: 5 ppm TWA: 27 mg/m <sup>3</sup> Ceiling / Peak: 10 ppm Ceiling / Peak: 54 mg/m <sup>3</sup> Skin	-	-
Propylene glycol monomethyl ether 107-98-2	TWA: 50 ppm TWA: 188 mg/m <sup>3</sup> STEL: 100 ppm STEL: 375 mg/m <sup>3</sup> *	TWA: 100 ppm TWA: 370 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 370 mg/m <sup>3</sup> Ceiling / Peak: 200 ppm Ceiling / Peak: 740 mg/m <sup>3</sup>	-	TWA: 375 mg/m <sup>3</sup> STEL: 568 mg/m <sup>3</sup> b*
Crystalline Silica (Quartz) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	-	-	-	TWA: 0.1 mg/m <sup>3</sup>
Cumene 98-82-8	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> TWA: 150 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup> *	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> H*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> Ceiling / Peak: 40 ppm Ceiling / Peak: 200 mg/m <sup>3</sup> Skin	-	TWA: 50 mg/m <sup>3</sup> STEL: 250 mg/m <sup>3</sup> b*
<b>Chemical name</b>	<b>Ireland</b>	<b>Italy</b>	<b>Italy REL</b>	<b>Latvia</b>	<b>Lithuania</b>
2-Butoxyethanol 111-76-2	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> Sk*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> pelle*	-	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> *	-
Mixed Xylenes 1330-20-7	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> pelle*	-	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> *	-
Glycol ether PM acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> pelle*	-	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> *	-
Ethyl Benzene	TWA: 100 ppm	TWA: 100 ppm	-	TWA: 100 ppm	-



100-41-4	TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> Sk*	TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> pelle*		TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> *	
Methyl Amyl Ketone 110-43-0	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> pelle*	-	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> *	-
Isopropanol, 2-propanol 67-63-0	TWA: 200 ppm STEL: 400 ppm Sk*	-	-	TWA: 350 mg/m <sup>3</sup> STEL: 600 mg/m <sup>3</sup>	-
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup>	-	-	TWA: 1 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	-
Propylene glycol monomethyl ether 107-98-2	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> pelle*	-	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> *	-
Crystalline Silica (Quartz) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	-	-	TWA: 0.1 mg/m <sup>3</sup>	-
Cumene 98-82-8	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> Sk*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> pelle*	-	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> *	-
<b>Chemical name</b>	<b>Luxembourg</b>	<b>Malta</b>	<b>Netherlands</b>	<b>Norway</b>	<b>Poland</b>
2-Butoxyethanol 111-76-2	-	-	TWA: 100 mg/m <sup>3</sup> STEL: 246 mg/m <sup>3</sup> H*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup> H*	STEL: 200 mg/m <sup>3</sup> TWA: 98 mg/m <sup>3</sup>
Mixed Xylenes 1330-20-7	-	-	TWA: 210 mg/m <sup>3</sup> STEL: 442 mg/m <sup>3</sup> H*	TWA: 25 ppm TWA: 108 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 135 mg/m <sup>3</sup> H*	STEL: 200 mg/m <sup>3</sup> TWA: 100 mg/m <sup>3</sup>
Glycol ether PM acetate 108-65-6	-	-	TWA: 550 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 75 ppm STEL: 337.5 mg/m <sup>3</sup> H*	STEL: 520 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup>
Ethyl Benzene 100-41-4	-	-	TWA: 215 mg/m <sup>3</sup> STEL: 430 mg/m <sup>3</sup> H*	TWA: 5 ppm TWA: 20 mg/m <sup>3</sup> STEL: 10 ppm STEL: 30 mg/m <sup>3</sup> H*	STEL: 400 mg/m <sup>3</sup> TWA: 200 mg/m <sup>3</sup>
Methyl Amyl Ketone 110-43-0	-	-	TWA: 233 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 115 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 143.75 mg/m <sup>3</sup> H*	STEL: 475 mg/m <sup>3</sup> TWA: 238 mg/m <sup>3</sup>
Isopropanol, 2-propanol 67-63-0	-	-	-	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 125 ppm STEL: 306.25 mg/m <sup>3</sup>	STEL: 1200 mg/m <sup>3</sup> TWA: 900 mg/m <sup>3</sup>
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	-	-	TWA: 0.75 mg/m <sup>3</sup>	TWA: 1.5 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	-

2-Methoxypropyl acetate 70657-70-4	-	-	-	TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> STEL: 30 ppm STEL: 137.5 mg/m <sup>3</sup> H*	STEL: 200 mg/m <sup>3</sup> TWA: 100 mg/m <sup>3</sup>
Propylene glycol monomethyl ether 107-98-2	-	-	TWA: 375 mg/m <sup>3</sup> STEL: 563 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 180 mg/m <sup>3</sup> STEL: 75 ppm STEL: 225 mg/m <sup>3</sup> H*	STEL: 360 mg/m <sup>3</sup> TWA: 180 mg/m <sup>3</sup>
Crystalline Silica (Quartz) 14808-60-7	-	-	TWA: 0.075 mg/m <sup>3</sup> TWA: 0.75 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 0.9 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Cumene 98-82-8	-	-	TWA: 100 mg/m <sup>3</sup> STEL: 250 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> H*	STEL: 250 mg/m <sup>3</sup> TWA: 50 mg/m <sup>3</sup>
<b>Chemical name</b>	<b>Portugal</b>	<b>Romania</b>	<b>Slovakia</b>	<b>Slovenia</b>	<b>Spain</b>
2-Butoxyethanol 111-76-2	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> P*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> P*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> 50: STEL ppm 246: STEL mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup> STEL: 50 ppm STEL: 245 mg/m <sup>3</sup> vía dérmica*
Mixed Xylenes 1330-20-7	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> 100: STEL ppm 442: STEL mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> vía dérmica*
Glycol ether PM acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> 100: STEL ppm 550: STEL mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> vía dérmica*
Ethyl Benzene 100-41-4	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> P*	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> P*	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> 200: STEL ppm 884: STEL mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 441 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> vía dérmica*
Methyl Amyl Ketone 110-43-0	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> P*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 238 mg/m <sup>3</sup> 100: STEL ppm 475: STEL mg/m <sup>3</sup> K*	TWA: 50 ppm TWA: 237 mg/m <sup>3</sup> STEL: 100 ppm STEL: 474 mg/m <sup>3</sup> vía dérmica*
Isopropanol, 2-propanol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 81 ppm TWA: 200 mg/m <sup>3</sup> STEL: 203 ppm STEL: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> 400: STEL ppm 1000: STEL mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	-	-	-	TWA: 4 mg/m <sup>3</sup>	-
2-Methoxypropyl acetate 70657-70-4	-	-	TWA: 20 ppm TWA: 110 mg/m <sup>3</sup> K*	TWA: 28 mg/m <sup>3</sup> TWA: 5 ppm 40: STEL ppm 224: STEL mg/m <sup>3</sup> K*	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> STEL: 40 ppm STEL: 220 mg/m <sup>3</sup>
Propylene glycol monomethyl ether 107-98-2	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> P*	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> 150: STEL ppm 568: STEL mg/m <sup>3</sup> K*	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> vía dérmica*
Crystalline Silica (Quartz)	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	-	TWA: 0.05 mg/m <sup>3</sup>

14808-60-7			STEL: 0.5 mg/m <sup>3</sup>		
Cumene 98-82-8	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> P*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> P*	TWA: 20 ppm TWA: 500 mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> 50: STEL ppm 250: STEL mg/m <sup>3</sup> K*	TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> vía dérmica*
Chemical name	Sweden		Switzerland		United Kingdom
2-Butoxyethanol 111-76-2	-		TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 20 ppm STEL: 98 mg/m <sup>3</sup> H*		TWA: 25 ppm TWA: 123 mg/m <sup>3</sup> STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> Sk*
Mixed Xylenes 1330-20-7	-		TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 200 ppm STEL: 870 mg/m <sup>3</sup> H*		TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 100 ppm STEL: 441 mg/m <sup>3</sup> Sk*
Glycol ether PM acetate 108-65-6	-		TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 50 ppm STEL: 275 mg/m <sup>3</sup>		TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> Sk*
Ethyl Benzene 100-41-4	-		TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 50 ppm STEL: 220 mg/m <sup>3</sup> H*		TWA: 100 ppm TWA: 441 mg/m <sup>3</sup> STEL: 125 ppm STEL: 552 mg/m <sup>3</sup> Sk*
Methyl Amyl Ketone 110-43-0	-		TWA: 50 ppm TWA: 235 mg/m <sup>3</sup>		TWA: 50 ppm TWA: 237 mg/m <sup>3</sup> STEL: 100 ppm STEL: 475 mg/m <sup>3</sup> Sk*
Isopropanol, 2-propanol 67-63-0	-		TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>		TWA: 400 ppm TWA: 999 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	-		TWA: 4 mg/m <sup>3</sup>		TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup> STEL: 7.2 mg/m <sup>3</sup>
2-Methoxypropyl acetate 70657-70-4	-		TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> STEL: 40 ppm STEL: 224 mg/m <sup>3</sup> H*		-
Propylene glycol monomethyl ether 107-98-2	-		TWA: 100 ppm TWA: 360 mg/m <sup>3</sup> STEL: 200 ppm STEL: 720 mg/m <sup>3</sup>		TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup> Sk*
Crystalline Silica (Quartz) 14808-60-7	-		TWA: 0.15 mg/m <sup>3</sup>		TWA: 0.1 mg/m <sup>3</sup>
Cumene 98-82-8	-		TWA: 20 ppm TWA: 100 mg/m <sup>3</sup> STEL: 80 ppm STEL: 400 mg/m <sup>3</sup> H*		TWA: 25 ppm TWA: 125 mg/m <sup>3</sup> STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> Sk*

**Biological occupational exposure limits**

Chemical name	Denmark	Finland	France	Germany	Germany MAK
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2-Butoxyethanol 111-76-2	-	-	-	-	150 mg/g Creatinine
Mixed Xylenes 1330-20-7	-	5.0	-	-	2000 mg/L
Ethyl Benzene 100-41-4	-	5.2	-	-	250 mg/g Creatinine
Isopropanol, 2-propanol 67-63-0	-	-	-	-	25 mg/L
Propylene glycol monomethyl ether 107-98-2	-	-	-	-	15 mg/L
Cumene 98-82-8	-	-	-	-	10 mg/g Creatinine
Chemical name	Slovenia	Spain	Switzerland	United Kingdom	
2-Butoxyethanol 111-76-2	-	200	150	240	
Mixed Xylenes 1330-20-7	-	1	2	650	
Ethyl Benzene 100-41-4	-	700	600	-	
Isopropanol, 2-propanol 67-63-0	-	40	25	-	
Propylene glycol monomethyl ether 107-98-2	-	-	20	-	
Cumene 98-82-8	-	-	20	-	

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Impervious gloves. Wear suitable gloves.

**Skin and body protection** Chemical resistant apron. Antistatic boots. Long sleeved clothing. Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid  
**Appearance** Gray

<b>Color</b>	No information available
<b>Odor</b>	Aromatic
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	139 °C	
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit:</b>	No data available	
<b>Lower flammability limit:</b>	No data available	
<b>Flash point</b>	27 °C	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	None known
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>		None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility(ies)</b>	Insoluble	
<b>Partition coefficient</b>	1.36	
<b>Vapor pressure</b>	No Data Available	None known
<b>Relative density</b>		
<b>Bulk density</b>	No data available	
<b>Density</b>	No data available	
<b>Vapor density</b>	No data available	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	
<b>Applied</b>	283 g/L	

## 9.2. Other information

9.2.1. Information with regard to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

#### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** Heat, flames and sparks.

### 10.5. Incompatible materials

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

**10.6. Hazardous decomposition products**

**Hazardous Decomposition Products** None known based on information supplied.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Causes skin irritation. (based on components). Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

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

**Symptoms** Redness. May cause redness and tearing of the eyes.

**Numerical measures of toxicity****Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	1,281.60 mg/kg
<b>ATEmix (dermal)</b>	2,137.70 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	2.3676 mg/l
<b>ATEmix (inhalation-vapor)</b>	878.5482 mg/l

**Unknown acute toxicity****Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol	= 470 mg/kg ( Rat )	= 435 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h
Mixed Xylenes	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
Glycol ether PM acetate	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 16000 mg/m <sup>3</sup> ( Rat ) 6 h
Ethyl Benzene	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h
Methyl Amyl Ketone	= 1600 mg/kg ( Rat )	= 12.6 mL/kg ( Rabbit )	2000 - 4000 ppm ( Rat ) 6 h
Isopropanol, 2-propanol	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h
Synthetic Amorphous Crystalline-Free Silica	= 7900 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 2.2 mg/L ( Rat ) 1 h
Propylene glycol monomethyl ether	= 5000 mg/kg ( Rat )	= 13 g/kg ( Rabbit )	> 7559 ppm ( Rat ) 6 h
Cumene	= 1400 mg/kg ( Rat )	= 12300 µL/kg ( Rabbit )	> 3577 ppm ( Rat ) 6 h

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

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

**Other adverse effects** No information available.

## SECTION 12: Ecological information

**12.1. Toxicity**

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	-	1000: 48 h Daphnia magna mg/L EC50
Mixed Xylenes	-	13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L	-	0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h water flea mg/L EC50

		LC50 static 7.711 - 9.591: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 13.4: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 19: 96 h <i>Lepomis macrochirus</i> mg/L LC50 780: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 780: 96 h <i>Cyprinus carpio</i> mg/L LC50		
Glycol ether PM acetate	-	161: 96 h <i>Pimephales promelas</i> mg/L LC50 static	-	500: 48 h <i>Daphnia magna</i> mg/L EC50
Ethyl Benzene	1.7 - 7.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 2.6 - 11.3: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 4.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 438: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	11.0 - 18.0: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 7.55 - 11: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 9.1 - 15.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 32: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 9.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static	-	1.8 - 2.4: 48 h <i>Daphnia magna</i> mg/L EC50
Methyl Amyl Ketone	-	126 - 137: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	-	-
Isopropanol, 2-propanol	1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50	-	13299: 48 h <i>Daphnia magna</i> mg/L EC50
Synthetic Amorphous Crystalline-Free Silica	440: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	5000: 96 h <i>Brachydanio rerio</i> mg/L LC50 static	-	7600: 48 h <i>Ceriodaphnia dubia</i> mg/L EC50
Propylene glycol monomethyl ether	-	20.8: 96 h <i>Pimephales promelas</i> g/L LC50 static	-	23300: 48 h <i>Daphnia magna</i> mg/L EC50
Cumene	2.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	6.04 - 6.61: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 2.7: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 4.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.1: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static	-	7.9 - 14.1: 48 h <i>Daphnia magna</i> mg/L EC50 Static 0.6: 48 h <i>Daphnia magna</i> mg/L EC50

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**



**Bioaccumulation** There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
2-Butoxyethanol	0.81
Mixed Xylenes	3.15
Glycol ether PM acetate	0.43
Ethyl Benzene	3.2
Methyl Amyl Ketone	1.98
Isopropanol, 2-propanol	0.05
Propylene glycol monomethyl ether	-0.437
Cumene	3.7

#### 12.4. Mobility in soil

**Mobility in soil** No information available.

#### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** This mixture contains substances considered to be persistent, bioaccumulating and toxic (PBT).

#### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

#### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## SECTION 14: Transport information

**Note:** This information is not intended to convey all specific regulatory information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

#### IATA

14.1 UN number or ID number UN1263  
 14.2 Proper shipping name Paint  
 14.3 Transport hazard class(es) 3  
 14.4 Packing group III  
 14.5 Environmental hazard No  
 14.6 Special precautions for user  
 Special Provisions None

#### IMDG

14.1 UN number or ID number UN1263  
 14.2 Proper shipping name Paint

14.3 Transport hazard class(es)	3
14.4 Packing Group	III
14.5 Environmental hazard	No
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

**RID**

14.1 UN/ID No	UN1263
14.2 Proper shipping name	Paint
14.3 Transport hazard class(es)	3
14.4 Packing Group	III
14.5 Environmental hazard	No
14.6 Special precautions for user	
Special Provisions	None

**ADR**

14.1 UN number or ID number	UN1263
14.2 Proper shipping name	Paint
14.3 Transport hazard class(es)	3
14.4 Packing Group	III
14.5 Environmental hazard	No
14.6 Special precautions for user	
Special Provisions	None

## SECTION 15: Regulatory information

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

#### National regulations

##### France

##### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
2-Butoxyethanol 111-76-2	RG 84
Mixed Xylenes 1330-20-7	RG 4bis, RG 84
Glycol ether PM acetate 108-65-6	RG 84
Ethyl Benzene 100-41-4	RG 84
Methyl Amyl Ketone 110-43-0	RG 84
Isopropanol, 2-propanol 67-63-0	RG 84
Synthetic Amorphous Crystalline-Free Silica 7631-86-9	RG 25
2-Methoxypropyl acetate 70657-70-4	RG 84
Propylene glycol monomethyl ether 107-98-2	RG 84
Crystalline Silica (Quartz) 14808-60-7	RG 25
Cumene 98-82-8	RG 84

##### Germany

**Water hazard class (WGK)** obviously hazardous to water (WGK 2)

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorizations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
2-Methoxypropyl acetate - 70657-70-4	30.	-

**Persistent Organic Pollutants**

Not applicable

**Dangerous substance category per Seveso Directive (2012/18/EU)**

P5a - FLAMMABLE LIQUIDS

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H225 - Highly flammable liquid and vapor

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H319 - Causes serious eye irritation  
 H332 - Harmful if inhaled  
 H335 - May cause respiratory irritation  
 H336 - May cause drowsiness or dizziness  
 H360D - May damage the unborn child  
 H373 - May cause damage to organs through prolonged or repeated exposure  
 H411 - Toxic to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

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**End of Safety Data Sheet**