

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

### 1.1. Product identifier

**Product Code** 101342  
**Product Name** EVERCOAT EZ ULTRA LITE

#### Other means of identification

**Unique Formula Identifier (UFI)** D8W2-T07R-F00V-1JJG

**Pure substance/mixture** Mixture  
Contains Styrene ; Benzenamine, N,N,4-Trimethyl

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

**Recommended Use** Filler. Exclusively for Automotive Repair. Restricted to professional users

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

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

**Importer**  
INDASA PT  
P.O. Box 3005  
3801-101 Aveiro, Portugal  
Telephone: +(351) 234 303 600

**Manufacturer**  
ITW Evercoat  
A division of Illinois Tool Works Inc.  
6600 Cornell Road  
Cincinnati, OH 45242 USA  
513-489-7600

**Only Representative (OR)**  
ITW Performance Polymers  
Bay 150  
Shannon Industrial Estate  
Co. Clare  
Ireland  
V14 DF82  
353(61)771500  
353(61)471285  
customerservice.shannon@itwpp.com

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 or 1-703-527-3887.

24-hour emergency phone number - §45 - (EC)1272/2008	
<b>Europe</b>	<b>112</b>
<b>Austria</b>	01 406 43 43
<b>Belgium</b>	070 245 245
<b>Denmark</b>	+ 45 8212 1212
<b>Finland</b>	0800 147 111/ 09 471 977
<b>France</b>	+33 (0)1 45 42 59 59
<b>Germany</b>	+49 228 192 40
<b>Ireland</b>	+353 (0)1 809 2566
<b>Italy</b>	0382-24444
<b>Netherlands</b>	+31 (0)88 755 8000
<b>Norway</b>	22 59 13 00

Poland	112
Portugal	+351 800 250 250
Slovenia	112
Spain	+34 91 562 04 20
Sweden	112
Switzerland	145
United Kingdom	111
Bulgaria	+359 2 9154 233
Croatia	+3851 2348 342
Cyprus	1401
Czech Republic	+420 224 919 293/ +420 224 915 402
Estonia	16662/ (+372) 7943 794
Greece	(003) 2107793777
Hungary	+36 80 201 199
Iceland	543 2222
Latvia	+371 67042473
Liechtenstein	01 406 43 43
Lithuania	+370 (85) 2362052
Luxembourg	(+352) 8002 5500
Romania	+40213183606
Slovakia	+421 2 5477 4166
Malta	112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids	Category 3 - (H226)
Skin irritation	Category 2 - (H315)
Eye irritation	Category 2 - (H319)
Carcinogenicity	Category 1B - (H350)
Reproductive toxicity	Category 2 - (H361d)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)

### 2.2. Label elements

Contains Styrene ; Benzenamine, N,N,4-Trimethyl



#### Signal word

Danger

#### Hazard statements

H226 - Flammable liquid and vapor.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H350 - May cause cancer.

H361d - Suspected of damaging the unborn child.

H372 - Causes damage to organs through prolonged or repeated exposure.

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

P102 - Keep out of reach of children.

P201 - Obtain special instructions before use.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 - Do not breathe dust, fume, gas, mist, vapors and spray.

P280 - Wear protective gloves, protective clothing, eye protection and face protection.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

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

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

### Additional information

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

### 2.3. Other hazards

**Other hazards** No information available.

**PBT & vPvB** The product does not contain any substance(s) classified as PBT or vPvB.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Ground Limestone (Calcium Carbonate) 1317-65-3	25 - <50%	[5]	215-279-6	[C]	-	-	-	-
Styrene 100-42-5	20 - <25%	01-2119457861-32-XXXX	202-851-5 (601-026-00-0)	Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Repr. 2 (H361d) STOT SE 3 (H335) STOT RE 1 (H372) Flam. Liq. 3 (H226) Aquatic Chronic 3 (H412)	-	-	-	D
Crystalline Silica (Quartz) 14808-60-7	1 - <2.5%	[5]	238-878-4	-	-	-	-	-
Benzenamine, N,N,4-Trimethyl 99-97-8	0.1 - <0.5%	01-2119937766-23-XXXX	202-805-4 (612-296-00-4)	Acute Tox. 3 (H301) Acute Tox. 4 (H332) Carc. 1B (H350) STOT RE 2 (H373) Aquatic Chronic 3 (H412)	-	-	-	-
Isopentane 78-78-4	0.1 - <0.5%	-	201-142-8 (601-085-00-2)	Flam. Liq. 1 (H224) Asp. Tox. 1 (H304) STOT SE 3 (H336) Aquatic Chronic 2 (H411) (EUH066)	-	-	-	-

1,4-NAPHTHOQUINONE 130-15-4	0.025 - <0.1%	-	204-977-6	Acute Tox. Oral 3 (H301) Skin Corr. 1C (H314) Skin Sens. Cat 1 (H317) Eye Dam. 1 (H318) Acute Tox. Inh. (D/M) Cat 1. (H330) STOT SE 3 (H335) Aquatic Acute Tox. Cat 1 (H400) Aquatic Chronic. Cat 1 (H410)	-	-	-	-
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*The substance does not require registration according to REACH - Notes*

*NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(b) and Annex V of REACH Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes*

*[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring*

Note D - Certain substances which are susceptible to spontaneous polymerization or decomposition are generally placed on the market in a stabilized form. It is in this form that they are listed in Part 3 of Annex VI to Regulation (EC) No 1272/2008. However, such substances are sometimes placed on the market in a non-stabilized form. In this case, the supplier who places such a substance on the market must state on the label the name of the substance followed by the words "non-stabilized".

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

#### Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Styrene 100-42-5	1000	2002	11.7	No data available	No data available
Benzenamine, N,N,4-Trimethyl 99-97-8	140 + 1650	2002	No data available	No data available	No data available
1,4-NAPHTHOQUINONE 130-15-4	190	No data available	No data available	No data available	No data available

+ This value is the harmonized acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonized ATE value must be used when calculating the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture containing the listed substance

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**

#### **General advice**

IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.

#### **Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

#### **Skin contact**

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.
<b><u>4.2. Most important symptoms and effects, both acute and delayed</u></b>	
<b>Symptoms</b>	May cause redness and tearing of the eyes. Burning sensation.
<b>Effects of Exposure</b>	May cause cancer. May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility. Causes damage to organs through prolonged or repeated exposure.
<b><u>4.3. Indication of any immediate medical attention and special treatment needed</u></b>	
<b>Note to physicians</b>	Treat symptomatically.

## SECTION 5: Firefighting measures

<b><u>5.1. Extinguishing media</u></b>	
<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b><u>5.2. Special hazards arising from the substance or mixture</u></b>	
<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.
<b><u>5.3. Advice for firefighters</u></b>	
<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.

## SECTION 6: Accidental release measures

<b><u>6.1. Personal precautions, protective equipment and emergency procedures</u></b>	
<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. 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 grounded. Do not touch or walk through spilled material.
<b>Other information</b>	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.
<b><u>6.2. Environmental precautions</u></b>	
<b>Environmental precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b><u>6.3. Methods and material for containment and cleaning up</u></b>	
<b>Methods for containment</b>	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.

<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.
<b>6.4. Reference to other sections</b> <b>Reference to other sections</b>	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. 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. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

#### **General hygiene considerations**

Do not eat, drink or smoke when using this product. 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. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

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

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. 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. Store locked up.

#### **Storage class (TRGS 510)**

Storage class 3.

### 7.3. Specific end use(s)

#### **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
Ground Limestone (Calcium Carbonate) 1317-65-3	-	-	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10.0 mg/m <sup>3</sup> ;	-
Styrene 100-42-5	-	TWA-TMW: 20 ppm; TWA-TMW: 85 mg/m <sup>3</sup> ; STEL-KZGW: 80 ppm (4 X 15 min); STEL-KZGW: 340 mg/m <sup>3</sup> (4 X 15 min);	TWA: 25 ppm; TWA: 108 mg/m <sup>3</sup> ; STEL: 50 ppm; STEL: 216 mg/m <sup>3</sup> ; Sd	TWA: 85.0 mg/m <sup>3</sup> ; STEL: 215.0 mg/m <sup>3</sup> ;	TWA-GVI: 100 ppm; TWA-GVI: 430 mg/m <sup>3</sup> ; STEL-KGVI: 250 ppm; STEL-KGVI: 1080 mg/m <sup>3</sup> ; Sk
Crystalline Silica (Quartz)	TWA: 0.1 mg/m <sup>3</sup> ;	TWA-TMW:	TWA: 0.1 mg/m <sup>3</sup> ;	TWA: 0.1 mg/m <sup>3</sup> ;	TWA-GVI:

14808-60-7		0.05 mg/m <sup>3</sup> ; alveolar dust, respirable fraction	alveolar dust TWA: 0.05 mg/m <sup>3</sup> ;	respirable fraction	0.1 mg/m <sup>3</sup> ; respirable dust; respirable particle
Isopentane 78-78-4	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA-TMW: 600 ppm; TWA-TMW: 1800 mg/m <sup>3</sup> ; STEL-KZGW: 1200 ppm (3 X 60 min); STEL-KZGW: 3600 mg/m <sup>3</sup> (3 X 60 min);	TWA: 600 ppm; TWA: 1800 mg/m <sup>3</sup> ; STEL: 750 ppm; STEL: 2250 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000.0 mg/m <sup>3</sup> ;	TWA-GVI: 1000 ppm; TWA-GVI: 3000 mg/m <sup>3</sup> ;
1,4-NAPHTHOQUINONE 130-15-4	-	-	-	TWA: 0.1 mg/m <sup>3</sup> ;	-
<b>Chemical name</b>	<b>Cyprus</b>	<b>Czech Republic</b>	<b>Denmark</b>	<b>Estonia</b>	<b>Finland</b>
Ground Limestone (Calcium Carbonate) 1317-65-3	-	TWA: 10.0 mg/m <sup>3</sup> ; dust	-	TWA: 10 mg/m <sup>3</sup> ; TWA: 5 mg/m <sup>3</sup> ; respirable dust	-
Styrene 100-42-5	-	TWA: 100 mg/m <sup>3</sup> ; Ceiling: 400 mg/m <sup>3</sup> ; pSk	Ceiling: 25 ppm; Ceiling: 105 mg/m <sup>3</sup> ; pSk	TWA: 20 ppm; TWA: 90 mg/m <sup>3</sup> ; STEL: 50 ppm; STEL: 200 mg/m <sup>3</sup> ; Sk	TWA: 20 ppm; TWA: 86 mg/m <sup>3</sup> ; STEL: 100 ppm; STEL: 430 mg/m <sup>3</sup> ;
Crystalline Silica (Quartz) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup> ; respirable dust fraction	TWA: 0.1 mg/m <sup>3</sup> ; dust	TWA: 0.3 mg/m <sup>3</sup> ; total TWA: 0.1 mg/m <sup>3</sup> ; respirable STEL: 0.6 mg/m <sup>3</sup> ; total STEL: 0.2 mg/m <sup>3</sup> ; respirable STEL: 0.2 mg/m <sup>3</sup> ;	TWA: 0.1 mg/m <sup>3</sup> ; inhalable dust	TWA: 0.05 mg/m <sup>3</sup> ; respirable dust TWA: 0.1 mg/m <sup>3</sup> ; respirable dust
Benzenamine, N,N,4-Trimethyl 99-97-8	-	TWA: 5 mg/m <sup>3</sup> ; Ceiling: 10 mg/m <sup>3</sup> ;	-	-	-
Isopentane 78-78-4	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA: 3000 mg/m <sup>3</sup> ; Ceiling: 4500 mg/m <sup>3</sup> ;	TWA: 500 ppm; TWA: 1500 mg/m <sup>3</sup> ; STEL: 1000 ppm; STEL: 3000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA: 500 ppm; TWA: 1500 mg/m <sup>3</sup> ; STEL: 630 ppm; STEL: 1900 mg/m <sup>3</sup> ;
<b>Chemical name</b>	<b>France</b>	<b>Germany TRGS</b>	<b>Germany DFG</b>	<b>Greece</b>	<b>Hungary</b>
Ground Limestone (Calcium Carbonate) 1317-65-3	-	-	-	TWA: 10 mg/m <sup>3</sup> ; inhalable fraction TWA: 5 mg/m <sup>3</sup> ; respirable fraction	TWA-AK: 10 mg/m <sup>3</sup> ;
Styrene 100-42-5	TWA-VME: 1000 mg/m <sup>3</sup> ; vapor TWA-VME (indicatif): 23.3 ppm; TWA-VME (indicatif): 100 mg/m <sup>3</sup> ; TWA-VME (restrictif): 23.3 ppm; TWA-VME (restrictif): 100 mg/m <sup>3</sup> ; STEL-VLCT: 1500 mg/m <sup>3</sup> ; vapor STEL-VLCT (indicatif): 46.6 ppm; STEL-VLCT (indicatif): 200 mg/m <sup>3</sup> ; STEL-VLCT (restrictif): 46.6 ppm;	TWA-AGW; 20 ppm (exposure factor 2); TWA-AGW; 86 mg/m <sup>3</sup> (exposure factor 2);	TWA-MAK: 20 ppm; II(2); TWA-MAK: 86 mg/m <sup>3</sup> ; II(2); Peak: 40 ppm; Peak: 172 mg/m <sup>3</sup> ;	TWA: 100 ppm; TWA: 425 mg/m <sup>3</sup> ; STEL: 250 ppm; STEL: 1050 mg/m <sup>3</sup> ;	TWA-AK: 86 mg/m <sup>3</sup> ; TWA-AK: 20 ppm; STEL-CK: 172 mg/m <sup>3</sup> ; STEL-CK: 40 ppm;

	STEL-VLCT (restrictif): 200 mg/m <sup>3</sup> ; dSk				
Crystalline Silica (Quartz) 14808-60-7	TWA-VME (restrictif): 0.1 mg/m <sup>3</sup> ; alveolar fraction	-	-	TWA: 0.1 mg/m <sup>3</sup> ; respirable dust fraction	TWA-AK: 0.1 mg/m <sup>3</sup> ; respirable fraction
Benzenamine, N,N,4-Trimethyl 99-97-8	-	-	Sk	-	-
Isopentane 78-78-4	TWA-VME (indicatif): 1000 ppm; TWA-VME (indicatif): 3000 mg/m <sup>3</sup> ;	TWA-AGW; 1000 ppm (exposure factor 2); TWA-AGW; 3000 mg/m <sup>3</sup> (exposure factor 2);	TWA-MAK: 1000 ppm; II(2); TWA-MAK: 3000 mg/m <sup>3</sup> ; II(2); Peak: 2000 ppm; Peak: 6000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 2950 mg/m <sup>3</sup> ;	TWA-AK: 3000 mg/m <sup>3</sup> ; TWA-AK: 1000 ppm;
<b>Chemical name</b>	<b>Ireland</b>	<b>Italy MDLPS</b>	<b>Italy AIDII</b>	<b>Latvia</b>	<b>Lithuania</b>
Ground Limestone (Calcium Carbonate) 1317-65-3	TWA: 10 mg/m <sup>3</sup> ; respirable dust TWA: 4 mg/m <sup>3</sup> ; STEL: 30 mg/m <sup>3</sup> (calculated); STEL: 12 mg/m <sup>3</sup> (calculated); total inhalable dust	-	-	-	-
Styrene 100-42-5	TWA: 85 mg/m <sup>3</sup> ; TWA: 20 ppm; STEL: 40 ppm; STEL: 170 mg/m <sup>3</sup> ;	-	TWA: 20 ppm; TWA: 85 mg/m <sup>3</sup> ; STEL (REL): 40 ppm; STEL (REL): 170 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; STEL: 30 mg/m <sup>3</sup> ;	TWA-IPRD: 20 ppm; TWA-IPRD: 90 mg/m <sup>3</sup> ; TWA-IPRD: 10 ppm; STEL-TPRD: 50 ppm; STEL-TPRD: 200 mg/m <sup>3</sup> ; Sk
Crystalline Silica (Quartz) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup> ; respirable dust STEL: 0.3 mg/m <sup>3</sup> ;	TWA: 0.1 mg/m <sup>3</sup> ; respirable fraction	TWA: 0.025 mg/m <sup>3</sup> ; respirable fraction	-	TWA-IPRD: 0.1 ppm; respirable fraction
Isopentane 78-78-4	TWA: 1000 ppm; STEL: 3000 ppm (calculated);	TWA: 667 ppm; TWA: 2000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 2951 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ; TWA: 100 mg/m <sup>3</sup> ; STEL: 300 mg/m <sup>3</sup> ;	TWA-IPRD: 1000 ppm; TWA-IPRD: 3000 mg/m <sup>3</sup> ;
1,4-NAPHTHOQUINONE 130-15-4	-	-	-	TWA: 0.1 mg/m <sup>3</sup> ;	TWA-IPRD: 0.1 mg/m <sup>3</sup> ; Sk
<b>Chemical name</b>	<b>Luxembourg</b>	<b>Malta</b>	<b>Netherlands</b>	<b>Norway</b>	<b>Poland</b>
Styrene 100-42-5	-	-	-	TWA: 25 ppm; TWA: 105 mg/m <sup>3</sup> ; STEL: 37.5 ppm (value calculated); STEL: 131.25 mg/m <sup>3</sup> (value calculated);	TWA-NDS: 50 mg/m <sup>3</sup> ; STEL-NDSCh: 100 mg/m <sup>3</sup> ;
Crystalline Silica (Quartz) 14808-60-7	-	-	TWA: 0.075 mg/m <sup>3</sup> ; respirable fraction	TWA: 0.05 mg/m <sup>3</sup> ; respirable dust TWA: 0.3 mg/m <sup>3</sup> ; total dust STEL: 0.9 mg/m <sup>3</sup> (value calculated);dust containing .alpha.-Quartz,	TWA-NDS: 0.1 mg/m <sup>3</sup> ; respirable fraction

				Cristobalite and/or Tridymite is evaluated by summation formula. At the same time, the values for Nuisance dust must be observed); total dust STEL: 0.15 mg/m <sup>3</sup> (value calculated;dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula. At the same time, the values for Nuisance dust must be observed); respirable dust	
Isopentane 78-78-4	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA: 600 ppm; TWA: 1800 mg/m <sup>3</sup> ;	TWA: 250 ppm; TWA: 750 mg/m <sup>3</sup> ; TWA: 40 ppm; TWA: 275 mg/m <sup>3</sup> ; STEL: 312.5 ppm (value calculated); STEL: 937.5 mg/m <sup>3</sup> (value calculated); STEL: 60 ppm (higher than Decane;value calculated); STEL: 343.75 mg/m <sup>3</sup> (higher than Decane;value calculated);	TWA-NDS: 3000 mg/m <sup>3</sup> ;
<b>Chemical name</b>	<b>Portugal</b>	<b>Romania</b>	<b>Slovakia</b>	<b>Slovenia</b>	<b>Spain</b>
Ground Limestone (Calcium Carbonate) 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> ; dust, inhalable fraction	-	-	-
Styrene 100-42-5	TWA (VLE-MP): 20 ppm; STEL (VLE-CD): 40 ppm;	TWA: 12 ppm; TWA: 50 mg/m <sup>3</sup> ; STEL: 35 ppm; STEL: 150 mg/m <sup>3</sup> ;	TWA: 20 ppm; TWA: 90 mg/m <sup>3</sup> ; Ceiling: 200 mg/m <sup>3</sup> ;	TWA: 20 ppm; TWA: 86 mg/m <sup>3</sup> ; STEL: 40 ppm; STEL: 172 mg/m <sup>3</sup> ;	TWA-(VLA-ED): 20 ppm; TWA-(VLA-ED): 86 mg/m <sup>3</sup> ; STEL (VLA-EC): 40 ppm; STEL (VLA-EC): 172 mg/m <sup>3</sup> ;
Crystalline Silica (Quartz) 14808-60-7	TWA (VLE-MP): 0.025 mg/m <sup>3</sup> ; respirable fraction TWA (VLE-MP): 0.05 mg/m <sup>3</sup> ;	TWA: 0.1 mg/m <sup>3</sup> ; dust, respirable fraction	TWA: 0.1 mg/m <sup>3</sup> ; TWA: 0.1 mg/m <sup>3</sup> ; respirable fraction STEL: 0.5 mg/m <sup>3</sup> ;	TWA: 0.05 mg/m <sup>3</sup> ; respirable fraction	TWA-(VLA-ED): 0.05 mg/m <sup>3</sup> ; respirable fraction
Isopentane 78-78-4	TWA (VLE-MP): 1000 ppm; TWA (VLE-MP): 3000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ; TWA: 700 mg/m <sup>3</sup> ; STEL: 1000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ;	TWA: 1000 ppm; TWA: 3000 mg/m <sup>3</sup> ; STEL: 6000 mg/m <sup>3</sup> ; STEL: 2000 ppm;	TWA-(VLA-ED): 1000 ppm; TWA-(VLA-ED): 3000 mg/m <sup>3</sup> ;

Chemical name	Sweden	Switzerland	United Kingdom
Ground Limestone (Calcium Carbonate) 1317-65-3	-	-	TWA: 10 mg/m <sup>3</sup> ; inhalable dust TWA: 4 mg/m <sup>3</sup> ; respirable dust STEL: 30 mg/m <sup>3</sup> ; inhalable dust STEL: 12 mg/m <sup>3</sup> ; respirable dust
Styrene 100-42-5	TLV-NGV: 10 ppm; TLV-NGV: 43 mg/m <sup>3</sup> ; STEL (Vägledande KGV): 20 ppm; STEL (Vägledande KGV): 86 mg/m <sup>3</sup> ; Sk	TWA-MAK: 20 ppm; TWA-MAK: 85 mg/m <sup>3</sup> ; STEL-KZGW: 40 ppm; STEL-KZGW: 170 mg/m <sup>3</sup> ;	TWA: 100 ppm; TWA: 430 mg/m <sup>3</sup> ; STEL: 250 ppm; STEL: 1080 mg/m <sup>3</sup> ;
Crystalline Silica (Quartz) 14808-60-7	TLV-NGV: 0.1 mg/m <sup>3</sup> ; respirable fraction	TWA-MAK: 0.15 mg/m <sup>3</sup> ; respirable dust	TWA: 0.1 mg/m <sup>3</sup> ; respirable fraction STEL: 0.3 mg/m <sup>3</sup> ; respirable
Isopentane 78-78-4	TLV-NGV: 600 ppm; TLV-NGV: 1800 mg/m <sup>3</sup> ; TLV-NGV: 350 mg/m <sup>3</sup> ; vapor STEL (Vägledande KGV): 750 ppm; STEL (Vägledande KGV): 2000 mg/m <sup>3</sup> ;	TWA-MAK: 600 ppm; TWA-MAK: 1800 mg/m <sup>3</sup> ; STEL-KZGW: 1200 ppm; STEL-KZGW: 3600 mg/m <sup>3</sup> ;	TWA: 600 ppm; TWA: 1800 mg/m <sup>3</sup> ; STEL: 1800 ppm; STEL: 5400 mg/m <sup>3</sup> ;

**Biological occupational exposure limits**

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Styrene 100-42-5	-	-	600 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid - total) - at the end of exposure or end of work shift, in remote exposure - after several work shifts	20.0 µg/L - blood (Styrene) - about 16 hours after completion of the work shift 1.0 g/g Creatinine - urine (Mandelic acid) - at the end of the work shift 240 mg/g Creatinine - urine (Phenylglyoxylic acid) - at the end of the work shift 600 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid) - at the end of the work shift; at chronic exposure in the middle of the working week	300 µmol/mmol Creatinine (urine - Mandelic acid end of shift) 400 mg/g Creatinine (urine - Mandelic acid end of shift) 600 mg/g Creatinine (urine - Mandelic acid and Phenylglyoxylic acid end of shift)
Crystalline Silica (Quartz) 14808-60-7	-	-	-	-	-
Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
Styrene 100-42-5	-	1.2 mmol/L (urine - MAPGA in the morning after a working day)	0.04 mg/L - urine (Styrene) - end of shift 600 mg/g creatinine - urine (Mandelic acid and Phenylglyoxyl) - end of shift, preferably at	600 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid at the end of the shift, in case of long-term exposure after several	600 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid at the end of the shift, in case of long-term exposure after several

Chemical name	Hungary	Ireland	Italy MDLPS	Italy AIDII
Styrene 100-42-5	600 mg/g Creatinine (urine - Mandelic acid at end of workweek, end of shift) 450 µmol/mmol Creatinine (urine - Mandelic acid at end of workweek, end of shift)	400 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid end of shift) 0.2 mg/L (venous blood - Styrene end of shift)	-	40 µg/L - urine (Styrene) - end of shift 400 mg/g Creatinine - urine (Mandelic acid plus Phenylglyoxylic acid) - end of shift
Chemical name	Latvia	Luxembourg	Romania	Slovakia
Styrene 100-42-5	600 mg/g Creatinine - urine (Mandelic acid) - at the end of exposure or shift 600 mg/g Creatinine - urine (Phenylglyoxylic acid) - at the end of exposure or shift 0.55 mg/L - blood (Styrene) - end of shift	-	800 mg/g Creatinine - urine (Mandelic acid) - end of shift 300 mg/g Creatinine - urine (Mandelic acid) - beginning of next shift 100 mg/g Creatinine - urine (Phenylglyoxylic acid) - end of shift 0.55 mg/L - blood (Styrene) - end of shift 0.02 mg/L - blood (Styrene) - beginning of next shift	901 mg/L (urine - Mandelic acid and Phenylglycolic acid after all work shifts) 600 mg/g creatinine (urine - Mandelic acid and Phenylglycolic acid end of exposure or work shift)
Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Styrene 100-42-5	600 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid) - at the end of the work shift; for long-term exposure: at the end of the work shift after several consecutive workdays	400 mg/g Creatinine (- Mandelic acid plus Phenylglyoxylic acid end of shift) 0.2 mg/L (venous blood - Styrene end of shift)	600 mg/g creatinine (urine - Mandelic acid and Phenylglyoxylic acid end of shift)	-

## 8.2. Exposure controls

### Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Phthalic Acid 88-99-3	-	14 mg/kg bw/day [4] [6]	49.4 mg/m <sup>3</sup> [4] [6]
Isopentane 78-78-4	-	432 mg/kg bw/day [4] [6]	3000 mg/m <sup>3</sup> [4] [6]
Magnesium hydroxide 1309-42-8	-	3.09 mg/kg bw/day [4] [6]	21.6 mg/m <sup>3</sup> [4] [6]
1,4-NAPHTHOQUINONE 130-15-4	-	-	0.0329 mg/m <sup>3</sup> [4] [6]

#### Notes

[4]

Systemic health effects.

[6]

Long term.

### Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Phthalic Acid 88-99-3	5 mg/kg bw/day [4] [6]	-	8.7 mg/m <sup>3</sup> [4] [6]
Isopentane 78-78-4	214 mg/kg bw/day [4] [6]	-	643 mg/m <sup>3</sup> [4] [6]
Magnesium hydroxide 1309-42-8	2.21 mg/kg bw/day [4] [6]	-	3.86 mg/m <sup>3</sup> [4] [6]

**Notes**

[4]

Systemic health effects.

[6]

Long term.

**Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Phthalic Acid 88-99-3	1 mg/L	5.6 mg/L	0.1 mg/L	-	-
Benzenamine, N,N,4-Trimethyl 99-97-8	0.15259 mg/L	0.15259 mg/L	0.015259 mg/L	-	-
Magnesium hydroxide 1309-42-8	66.67 mg/kg food 0.17 mg/L	1.7 mg/L	66.67 mg/kg food 0.017 mg/L	-	-
1,4-NAPHTHOQUINONE 130-15-4	26.1 ng/L	261 ng/L	2.61 ng/L	26.1 ng/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Phthalic Acid 88-99-3	3.8 mg/kg sediment dw	0.38 mg/kg sediment dw	21.3 mg/L	0.173 mg/kg soil dw	-
Benzenamine, N,N,4-Trimethyl 99-97-8	45.377702 mg/kg sediment dw	45.377702 mg/kg sediment dw	4.2863 mg/L	18.676772 mg/kg soil dw	-
Magnesium hydroxide 1309-42-8	1.37 mg/kg sediment dw	0.137 mg/kg sediment dw	10 mg/L	0.17 mg/kg soil dw	-
1,4-NAPHTHOQUINONE 130-15-4	321 ng/kg sediment dw	32.1 ng/kg sediment dw	0.172 mg/L	49 ng/kg soil dw	-

**Personal protective equipment****Eye/face protection**

Eye protection must conform to standard EN 166. Wear safety glasses with side shields (or goggles). Tight sealing safety goggles.

**Hand protection**

Gloves must conform to standard EN 374. Wear suitable gloves.

gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Wear protective nitrile rubber gloves, Neoprene gloves, Polyvinyl alcohol, Viton™.	0.4 mm	<8 Hours

**Skin and body protection**

Wear suitable protective clothing. Long sleeved clothing. Antistatic boots. Chemical resistant apron. Wear fire/flame resistant/retardant clothing.

<b>Respiratory protection</b>	Respirator must conform to standard EN 14387. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Use appropriate respiratory protection.
<b>General advice</b>	Handle in accordance with good industrial hygiene and safety practice
<b>General hygiene considerations</b>	Do not eat, drink or smoke when using this product. 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. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.
<b>Environmental exposure controls</b>	Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Gray, Paste
<b>Color</b>	Gray
<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>	145 °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>	32 °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>	58869.5 mm <sup>2</sup> /s	None known
<b>Dynamic viscosity</b>	41972 mPas (@ 20°C)	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>	No data available	
<b>Bulk density</b>	No data available	
<b>Density</b>	689-713 g/L	
<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	

### 9.2. Other information

<b>VOC content</b>	43 g/L
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9.2.1. Information with regard to physical hazard classes

<b>Flammable liquids</b>	32 °C
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9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

**10.1. Reactivity****Reactivity** Stable.**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** Carbon oxides.**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>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms** Burning sensation. Redness. May cause redness and tearing of the eyes.**Acute toxicity** Based on available data, the classification criteria are not met.**Numerical measures of toxicity**

The following ATE values have been calculated for the mixture

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Styrene	= 1000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	= 11.7 mg/L ( Rat ) 4 h
Benzenamine, N,N,4-Trimethyl	= 1650 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 1.4 mg/L ( Rat ) 4 h
1,4-NAPHTHOQUINONE	= 190 mg/kg ( Rat )	-	-

**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. Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Classification based on data available for ingredients. Contains a known or suspected carcinogen. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Benzenamine, N,N,4-Trimethyl	Carc. 1B

<b>Reproductive toxicity</b>	Classification based on data available for ingredients. Contains a known or suspected reproductive toxin. Suspected of damaging fertility or the unborn child.
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The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Styrene	Repr. 2

<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
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<b>STOT - repeated exposure</b>	Classification based on data available for ingredients. Causes damage to organs through prolonged or repeated exposure.
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H372 - Causes damage to the following organs through prolonged or repeated exposure: hearing organs.

<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
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**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

<b>Endocrine disrupting properties</b>	Based on available data, the classification criteria are not met.
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**11.2.2. Other information**

<b>Neurological effects</b>	Repeated or prolonged overexposure to solvents may cause permanent damage to the nervous system. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
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<b>Other adverse effects</b>	Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Repeated or prolonged overexposure to solvents may cause permanent damage to the nervous system.
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**SECTION 12: Ecological information****12.1. Toxicity**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea

			microorganisms	
Styrene	EC50: =1.4mg/L (72h, Pseudokirchneriella subcapitata) EC50: =0.72mg/L (96h, Pseudokirchneriella subcapitata) EC50: 0.46 - 4.3mg/L (72h, Pseudokirchneriella subcapitata) EC50: 0.15 - 3.2mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 3.24 - 4.99mg/L (96h, Pimephales promelas) LC50: 19.03 - 33.53mg/L (96h, Lepomis macrochirus) LC50: 6.75 - 14.5mg/L (96h, Pimephales promelas) LC50: 58.75 - 95.32mg/L (96h, Poecilia reticulata)	-	EC50: 3.3 - 7.4mg/L (48h, Daphnia magna)
Benzenamine, N,N,4-Trimethyl	-	LC50: 42 - 50.5mg/L (96h, Pimephales promelas)	-	-
Isopentane	-	-	-	EC50: =2.3mg/L (48h, Daphnia magna)

**12.2. Persistence and degradability****Persistence and degradability** No information available.**12.3. Bioaccumulative potential****Bioaccumulation**

Chemical name	Partition coefficient
Styrene	2.96
Benzenamine, N,N,4-Trimethyl	1.729
Isopentane	4
1,4-NAPHTHOQUINONE	1.78

**12.4. Mobility in soil****Mobility in soil** No information available.**12.5. Results of PBT and vPvB assessment****PBT and vPvB assessment** Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Styrene	Not PBT/vPvB
Benzenamine, N,N,4-Trimethyl	Not PBT/vPvB
Isopentane	Not PBT/vPvB
1,4-NAPHTHOQUINONE	Not PBT/vPvB

**12.6. Endocrine disrupting properties****Endocrine disrupting properties** Based on available data, the classification criteria are not met.**12.7. Other adverse effects****Other adverse effects** No information available.**PMT or vPvM properties** Based on available data, the classification criteria are not met.**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

<b>14.1 UN number or ID number</b>	UN3269
<b>14.2 UN proper shipping name</b>	Polyester Resin Kit
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing group</b>	III
<b>14.5 Environmental hazards</b>	No
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	A66, A163
<b>ERG Code</b>	3L
<b>Description</b>	UN3269, Polyester Resin Kit, 3, III

### IMDG

<b>14.1 UN number or ID number</b>	UN3269
<b>14.2 UN proper shipping name</b>	Polyester Resin Kit
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing group</b>	III
<b>14.5 Environmental hazards</b>	No
<b>Marine pollutant indicator</b>	NP
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	236, 340
<b>EmS-No.</b>	F-E, S-D
<b>Description</b>	UN3269, Polyester Resin Kit, 3, II, (32°C c.c.)
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	No information available

### RID

<b>14.1 UN number or ID number</b>	UN3269
<b>14.2 UN proper shipping name</b>	Polyester Resin Kit
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3269, Polyester Resin Kit, 3, II
<b>14.5 Environmental hazards</b>	No
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	236, 340
<b>Classification code</b>	F1

### ADR

<b>14.1 UN number or ID number</b>	UN3269
<b>14.2 UN proper shipping name</b>	Polyester Resin Kit
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3269, Polyester Resin Kit, 3, II, (E)
<b>14.5 Environmental hazards</b>	No
<b>14.6 Special precautions for user</b>	
<b>Special Provisions</b>	236, 340
<b>Classification code</b>	F1
<b>Tunnel restriction code</b>	(E)

## 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
Styrene 100-42-5	RG 84
Crystalline Silica (Quartz) 14808-60-7	RG 25
Isopentane 78-78-4	RG 84

**Germany**

**Water hazard class (WGK)** strongly hazardous to water (WGK 3)

**Chemical Prohibition Ordinance (ChemVerbotsV)**

This product is subject to requirements and restrictions regarding handling and delivery

Chemical name	ANNEX I
Styrene 100-42-5	2.1
Crystalline Silica (Quartz) 14808-60-7	1.2
Isopentane 78-78-4	2.1

**TA Luft (German Air Pollution Control Regulation)**

Chemical name	Number	Class
Crystalline Silica (Quartz) 14808-60-7	5.2.7.1.1	-

**TRGS 905**

Not applicable

**Netherlands****Carcinogenic, mutagenic and reproductive toxic effects**

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Styrene 100-42-5	-	-	Development Category 2
Crystalline Silica (Quartz) 14808-60-7	Present	-	-
Benzenamine, N,N,4-Trimethyl 99-97-8	Present	-	-

**Switzerland**

**Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018**

**Storage of Hazardous Material**

**WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20**

**Major Accidents Ordinance SR 814.012**

Group I

SC 10/12

Class A

Not applicable

**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
Styrene 100-42-5	75	-
Benzenamine, N,N,4-Trimethyl 99-97-8	75	-

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) Regulation (EU) 2024/590**

Not applicable.

**EU - Plant Protection Products (1107/2009/EC)**

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Crystalline Silica (Quartz) 14808-60-7	Plant protection agent

**Explosives Precursors Marketing and Use (2019/1148)**

Not applicable

**International Inventories**

TSCA Complies  
EINECS/ELINCS Complies

**Legend:**

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified 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 any hazard and/or precautionary statements referred to under Sections 2-15**

EUH066 - Repeated exposure may cause skin dryness or cracking

H224 - Extremely flammable liquid and vapor

H226 - Flammable liquid and vapor

H301 - Toxic if swallowed

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H350 - May cause cancer  
 H361d - Suspected of damaging the unborn child  
 H372 - Causes damage to organs through prolonged or repeated exposure  
 H373 - May cause damage to organs through prolonged or repeated exposure  
 H411 - Toxic to aquatic life with long lasting effects  
 H412 - Harmful to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorization:  
 PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
 vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
 STOT: Specific Target Organ Toxicity  
 ATE: Acute Toxicity Estimate  
 LC50: 50% Lethal Concentration  
 LD50: 50% Lethal Dose

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

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

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
Reproductive toxicity	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

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

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 U.S. 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 National Institute of Technology and Evaluation (NITE)  
 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)  
 U.S. National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications

International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
United Nations World Health Organization (WHO)

**Revision Date** 29-May-2024

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

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**