# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Revision Date** 08-Jan-2024 **Version** 4

## 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)** 3GV2-8015-Q00E-3G9W

**Pure substance/mixture** Mixture
Contains Styrene

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

**Recommended Use** Filler. For professional use only.

**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
INTERNATIONAL: 1-703-527-3887

| **24-hour emergency phone number - §45 - (EC)1272/2008** | |
|---|---|
| **Europe** | **112** |
| **Austria** | 01 406 43 43 |
| **Belgium** | 070 245 245 |
| **Denmark** | + 45 8212 1212 |
| **Finland** | 0800 147 111/ 09 471 977 |
| **France** | +33 (0)1 45 42 59 59 |
| **Germany** | +49 228 192 40 |
| **Ireland** | 01 809 2166 |
| **Italy** | 0382-24444 |
| **Netherlands** | +31 (0)88 755 8000 |

| | |
|---|---|
| **Norway** | 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

*Regulation (EC) No 1272/2008*

| | |
|---|---|
| **Flammable liquids** | Category 3 - (H226) |
| **Skin corrosion/irritation** | Category 2 - (H315) |
| **Serious eye damage/eye irritation** | Category 2 - (H319) |
| **Reproductive toxicity** | Category 2 - (H361) |
| **Specific target organ toxicity (single exposure)** | Category 3 - (H335) |
| Category 3 Respiratory irritation | |
| **Specific target organ toxicity (repeated exposure)** | Category 1 - (H372) |

### 2.2. Label elements

Contains Styrene

**Signal word**

Danger

**Hazard statements**

H226 - Flammable liquid and vapor
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H361d - Suspected of damaging the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure

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

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/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P370 + P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish.

P391 - Collect spillage.

**Unknown acute toxicity**

28.24809 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
28.24809 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
28.24809 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Unknown aquatic toxicity** Contains 3.16573 % of components with unknown hazards to the aquatic environment.

**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**

No information available.

**Endocrine Disruptor Information**

## SECTION 3: Composition/information on ingredients

**3.1 Substances**

Not applicable

**3.2 Mixtures**

| Chemical name | Weight-% | REACH registration No. | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|---|---|---|---|---|---|---|---|
| Ground Limestone (Calcium Carbonate) 1317-65-3 | 25 - <50% | [4] | 215-279-6 | [C] | - | - | - |
| Styrene 100-42-5 | 20 - <25% | 01-2119457861-32-XXXX | 202-851-5 | 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) | :: | - | - |
| Crystalline Silica (Quartz) 14808-60-7 | 1 - <2.5% | [4] | 238-878-4 | [C] | - | - | - |
| Benzenamine, N,N,4-Trimethyl 99-97-8 | 0.1 - <0.5% | 01-2119937766-23-XXXX | 202-805-4 | Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT RE 2 (H373) Aquatic | :: | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Chronic 3 (H412) | | | |

*The substance does not require registration according to REACH - Notes*
*NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV 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*

**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 (ATEmix) 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 | 2000 | 11.7 | No data available | No data available |
| Benzenamine, N,N,4-Trimethyl 99-97-8 | 1650 | 2000 | No data available | No data available | No data available |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air. IF exposed or concerned: Get medical advice/attention. 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.

**Ingestion** Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider** 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

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

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

**Effects of Exposure** Causes damage to organs.

**Note to physicians** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** 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.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** 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.

**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 further leakage or spillage if safe to do so. Prevent product from entering drains.

### 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. 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. Take off contaminated clothing and wash before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

**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.

### 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/m³ | TWA: 1.0 fiber/cm3<br>TWA: 10 mg/m³ | - |
| Styrene 100-42-5 | - | TWA: 20 ppm<br>TWA: 85 mg/m³<br>STEL 80 ppm<br>STEL 340 mg/m³ | TWA: 25 ppm<br>TWA: 108 mg/m³<br>STEL: 80 ppm<br>STEL: 346 mg/m³<br>* | STEL: 215.0 mg/m³<br>TWA: 85.0 mg/m³ | TWA: 100 ppm<br>TWA: 430 mg/m³<br>STEL: 250 ppm<br>STEL: 1080 mg/m³<br>K* |
| Crystalline Silica (Quartz) 14808-60-7 | TWA 0.1 mg/m³ respirable fraction | TWA: 0.05 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ |

| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
|---|---|---|---|---|---|
| Ground Limestone (Calcium Carbonate) 1317-65-3 | - | TWA: 10.0 mg/m³ | - | TWA: 10 mg/m³<br>TWA: 5 mg/m³ | - |
| Styrene 100-42-5 | - | TWA: 100 mg/m³<br>Ceiling: 400 mg/m³<br>* | Ceiling: 25 ppm<br>Ceiling: 105 mg/m³<br>H* | TWA: 20 ppm<br>TWA: 90 mg/m³<br>STEL: 50 ppm<br>STEL: 200 mg/m³<br>A* | TWA: 20 ppm<br>TWA: 86 mg/m³<br>STEL: 100 ppm<br>STEL: 430 mg/m³ |
| Crystalline Silica (Quartz) 14808-60-7 | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.3 mg/m³<br>TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.05 mg/m³<br>TWA: 0.1 mg/m³ |
| Benzenamine, N,N,4-Trimethyl 99-97-8 | - | TWA: 5 mg/m³<br>Ceiling: 10 mg/m³ | - | - | - |

| Chemical name | France | Germany TRGS | Germany DFG | Greece | Hungary |
|---|---|---|---|---|---|
| Ground Limestone (Calcium Carbonate) 1317-65-3 | - | - | - | TWA: 10 mg/m³<br>TWA: 5 mg/m³ | TWA: 10 mg/m³ |

| | | | | | |
|---|---|---|---|---|---|
| Styrene<br>100-42-5 | TWA: 23.3 ppm<br>TWA: 100 mg/m³<br>TWA: 1000 mg/m³<br>STEL: 46.6 ppm<br>STEL: 200 mg/m³<br>STEL: 1500 mg/m³<br>* | TWA: 20 ppm<br>TWA: 86 mg/m³ | TWA: 20 ppm<br>TWA: 86 mg/m³<br>Ceiling / Peak: 40 ppm<br>Ceiling / Peak: 172 mg/m³ | TWA: 100 ppm<br>TWA: 425 mg/m³<br>STEL: 250 ppm<br>STEL: 1050 mg/m³ | TWA: 86 mg/m³<br>STEL: 50 mg/m³ |
| Crystalline Silica (Quartz)<br>14808-60-7 | TWA: 0.1 mg/m³ | - | - | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ |

| Chemical name | Ireland | Italy MDLPS | Italy AIDII | Latvia | Lithuania |
|---|---|---|---|---|---|
| Ground Limestone (Calcium Carbonate)<br>1317-65-3 | TWA: 10 mg/m³<br>TWA: 4 mg/m³<br>STEL: 30 mg/m³<br>STEL: 12 mg/m³ | - | - | - | - |
| Styrene<br>100-42-5 | TWA: 85 mg/m³<br>TWA: 20 ppm<br>STEL: 40 ppm<br>STEL: 170 mg/m³ | - | TWA: 20 ppm<br>TWA: 85 mg/m³<br>STEL: 40 ppm<br>STEL: 170 mg/m³ | TWA: 10 mg/m³<br>STEL: 30 mg/m³ | *<br>TWA: 20 ppm<br>TWA: 90 mg/m³<br>TWA: 10 ppm<br>STEL: 50 ppm<br>STEL: 200 mg/m³ |
| Crystalline Silica (Quartz)<br>14808-60-7 | TWA: 0.1 mg/m³<br>STEL: 0.3 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.025 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ |

| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |
|---|---|---|---|---|---|
| Styrene<br>100-42-5 | - | - | - | TWA: 25 ppm<br>TWA: 105 mg/m³<br>STEL: 37.5 ppm<br>STEL: 131.25 mg/m³ | STEL: 100 mg/m³<br>TWA: 50 mg/m³ |
| Crystalline Silica (Quartz)<br>14808-60-7 | - | - | TWA: 0.075 mg/m³<br>TWA: 0.75 mg/m³ | TWA: 0.3 mg/m³<br>TWA: 0.1 mg/m³<br>STEL: 0.9 mg/m³<br>STEL: 0.3 mg/m³ | TWA: 0.1 mg/m³ |

| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
|---|---|---|---|---|---|
| Ground Limestone (Calcium Carbonate)<br>1317-65-3 | - | TWA: 10 mg/m³ | - | - | - |
| Styrene<br>100-42-5 | TWA: 20 ppm<br>STEL: 40 ppm | TWA: 12 ppm<br>TWA: 50 mg/m³<br>STEL: 35 ppm<br>STEL: 150 mg/m³ | TWA: 20 ppm<br>TWA: 86 mg/m³ | TWA: 20 ppm<br>TWA: 86 mg/m³<br>40: STEL ppm<br>172: STEL mg/m³ | TWA: 20 ppm<br>TWA: 86 mg/m³<br>STEL: 40 ppm<br>STEL: 172 mg/m³ |
| Crystalline Silica (Quartz)<br>14808-60-7 | TWA: 0.025 mg/m³<br>TWA: 0.05 mg/m³<br>TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³ | TWA: 0.1 mg/m³<br>STEL: 0.5 mg/m³ | - | TWA: 0.05 mg/m³ |

| Chemical name | Sweden | Switzerland | United Kingdom |
|---|---|---|---|
| Ground Limestone (Calcium Carbonate)<br>1317-65-3 | - | - | TWA: 10 mg/m³<br>TWA: 4 mg/m³<br>STEL: 30 mg/m³<br>STEL: 12 mg/m³ |
| Styrene<br>100-42-5 | NGV: 10 ppm<br>NGV: 43 mg/m³<br>Vägledande KGV: 20 ppm<br>Vägledande KGV: 86 mg/m³<br>* | TWA: 20 ppm<br>TWA: 85 mg/m³<br>STEL: 40 ppm<br>STEL: 170 mg/m³ | TWA: 100 ppm<br>TWA: 430 mg/m³<br>STEL: 250 ppm<br>STEL: 1080 mg/m³ |
| Crystalline Silica (Quartz)<br>14808-60-7 | NGV: 0.1 mg/m³ | TWA: 0.15 mg/m³ | TWA: 0.1 mg/m³ |

**Biological occupational exposure limits**

| Chemical name | European Union | Austria | Bulgaria | Croatia | Czech Republic |
|---|---|---|---|---|---|
| Styrene<br>100-42-5 | - | - | 600 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid | 20.0 µg/L - blood (Styrene) - about 16 hours after completion of the | 300 µmol/mmol Creatinine (urine - Mandelic acid end of shift) |

| | | | | | |
|---|---|---|---|---|---|
| | | | - total) - at the end of exposure or end of work shift, in remote exposure - after several work shifts | work shift<br>1.0 g/g Creatinine - urine (Mandelic acid) - at the end of the work shift<br>240 mg/g Creatinine - urine (Phenylglyoxylic acid) - at the end of the work shift<br>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 | 400 mg/g Creatinine (urine - Mandelic acid end of shift)<br>600 mg/g Creatinine (urine - Mandelic and Phenylglyoxylic acid end of shift) |
| Crystalline Silica (Quartz)<br>14808-60-7 | - | ( - ) | - | - | - |

| Chemical name | Denmark | Finland | France | Germany DFG | Germany TRGS |
|---|---|---|---|---|---|
| Styrene<br>100-42-5 | - | 1.2 | - | 600 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid end of shift)<br>600 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid for long-term exposures: at the end of the shift after several shifts)<br>600 mg/g Creatinine - BAT (end of exposure or end of shift) urine<br>600 mg/g Creatinine - BAT (for long-term exposures: at the end of the shift after several shifts) urine | 600 mg/g Creatinine |

| Chemical name | Hungary | Ireland | Italy MDLPS | Italy AIDII |
|---|---|---|---|---|
| Styrene<br>100-42-5 | 600 mg/g Creatinine (urine - Mandelic acid at end of workweek, end of shift)<br>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)<br>0.2 mg/L (venous blood - Styrene end of shift) | - | 40 µg/L - urine (Styrene) - end of shift<br>400 mg/g Creatinine - urine (Mandelic acid plus Phenylglyoxylic acid) - end of shift |

| Chemical name | Latvia | Luxembourg | Romania | Slovakia |
|---|---|---|---|---|
| Styrene<br>100-42-5 | 0.8 g/g Creatinine - urine (Mandelic acid) - end of shift<br>0.55 mg/L - blood (Styrene) - end of shift | - | 800 mg/g Creatinine - urine (Mandelic acid) - end of shift<br>300 mg/g Creatinine - urine (Mandelic acid) - beginning of next shift<br>100 mg/g Creatinine - urine (Phenylglyoxylic acid) - end of shift<br>0.55 mg/L - blood | 600 mg/g creatinine (urine - Mandelic acid and Phenylglycolic acid after all work shifts)<br>600 mg/g creatinine (urine - Mandelic acid and Phenylglycolic acid end of exposure or work shift) |

| | | | | |
|---|---|---|---|---|
| | | | (Styrene) - end of shift<br>0.02 mg/L - blood<br>(Styrene) - beginning of next shift | |
| Chemical name | Slovenia | Spain | Switzerland | United Kingdom |
| Styrene<br>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<br>0.2 | 600 | - |

**8.2. Exposure controls**

**Derived No Effect Level (DNEL) - Workers** No information available

**Derived No Effect Level (DNEL) - General Public** No information available.

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

**Personal protective equipment**

**Eye/face protection** Eye protection must conform to standard EN 166. Tight sealing safety goggles.

**Hand protection** Gloves must conform to standard EN 374. Wear suitable gloves. Impervious 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. Chemical resistant apron. Antistatic boots.

**Respiratory protection** Respirator must conform to standard EN 14387.

**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.

**Environmental exposure controls** Prevent product from entering drains.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid
**Appearance** Gray, Paste
**Color** Gray
**Odor** Aromatic
**Odor threshold** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | No data available | None known |
| **Boiling point / boiling range** | 145 °C | |

| | | |
|---|---|---|
| **Flammability (solid, gas)** | No data available | None known |
| **Flammability Limit in Air** | | None known |
| **Upper flammability limit:** | No data available | |
| **Lower flammability limit:** | No data available | |
| **Flash point** | 32 °C | |
| **Autoignition temperature** | No data available | None known |
| **Decomposition temperature** | | None known |
| **pH** | No data available | None known |
| **pH (as aqueous solution)** | No data available | None known |
| **Kinematic viscosity** | 59475 mm2/s | None known |
| **Dynamic viscosity** | 41620 mPas (@ 20°C) | None known |
| **Water solubility** | No data available | None known |
| **Solubility(ies)** | Insoluble | |
| **Partition coefficient** | 1.36 | |
| **Vapor pressure** | No Data Available | None known |
| **Relative density** | No data available | |
| **Bulk density** | No data available | |
| **Density** | 0.70 g/mL | |
| **Vapor density** | No data available | None known |
| **Particle characteristics** | | |
| **Particle Size** | No information available | |
| **Particle Size Distribution** | No information available | |
| **VOC content** | 20.4 g/L | 2004/42/IIB (b) (250) |

**9.2. Other information** 20.4 g/L
**Formula** No information available

*9.2.1. Information with regard to physical hazard classes*

**Flammable liquids** 32 °C

*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**

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. (based on components).

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). May cause sensitization by skin contact.

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. (based on components).

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

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

**Numerical measures of toxicity**

**Acute toxicity**

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

| | |
|---|---|
| **ATEmix (oral)** | 18,832.50 mg/kg |
| **ATEmix (dermal)** | 56,497.60 mg/kg |
| **ATEmix (inhalation-dust/mist)** | 94.40 mg/l |
| **ATEmix (inhalation-vapor)** | 46.30 mg/l |

**Unknown acute toxicity**

28.24809 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
28.24809 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
28.24809 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**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 ) | = 1400 mg/m³ ( Rat ) 4 h |

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation. May cause skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

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

| Chemical name | European Union |
|---|---|
| Crystalline Silica (Quartz) | 1A |

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

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 |

**STOT - single exposure** May cause respiratory irritation.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

H372 - Causes damage to the following organs through prolonged or repeated exposure: hearing organs.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

**11.2.2. Other information**

**Neurological effects** 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.

**Other adverse effects** No information available.

## SECTION 12: Ecological information

**12.1. Toxicity**

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

**Unknown aquatic toxicity** Contains 3.16573 % of components with unknown hazards to the aquatic environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| Styrene | 0.15 - 3.2: 96 h Pseudokirchneriella subcapitata mg/L EC50 static<br>0.46 - 4.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static<br>0.72: 96 h Pseudokirchneriella subcapitata mg/L EC50<br>1.4: 72 h Pseudokirchneriella subcapitata mg/L EC50 | 19.03 - 33.53: 96 h Lepomis macrochirus mg/L LC50 static<br>3.24 - 4.99: 96 h Pimephales promelas mg/L LC50 flow-through<br>58.75 - 95.32: 96 h Poecilia reticulata mg/L LC50 static<br>6.75 - 14.5: 96 h Pimephales promelas mg/L LC50 static | - | 3.3 - 7.4: 48 h Daphnia magna mg/L EC50 |
| Benzenamine, N,N,4-Trimethyl | - | 42 - 50.5: 96 h Pimephales promelas mg/L LC50 flow-through | - | - |

### 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 |
|---|---|
| Styrene | 2.95 |
| Benzenamine, N,N,4-Trimethyl | 2.81 |

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** No information available.

| Chemical name | PBT and vPvB assessment |
|---|---|
| Styrene | The substance is not PBT / vPvB |
| Benzenamine, N,N,4-Trimethyl | The substance is not PBT / vPvB |

### 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** UN3269
**14.2 Proper shipping name** Polyester Resin Kit
**14.3 Transport hazard class(es)** 3
**14.4 Packing group** III
**Description** UN3269, Polyester Resin Kit, 3, III
**14.5 Environmental hazard** Not applicable
**14.6 Special precautions for user**

**IMDG**

**14.1 UN number or ID number** UN3269

**14.2 Proper shipping name** Polyester Resin Kit
**14.3 Transport hazard class(es)** 3
**14.4 Packing Group** III
**Description** UN3269, Polyester Resin Kit, 3, III
**14.5 Environmental hazard** Not applicable
**14.6 Special precautions for user**
**14.7 Maritime transport in bulk according to IMO instruments**

**RID**
**14.1 UN/ID No** UN3269
**14.2 Proper shipping name** Polyester Resin Kit
**14.3 Transport hazard class(es)** 3
**14.4 Packing Group** III
**Description** UN3269, Polyester Resin Kit, 3, III
**14.5 Environmental hazard** Not applicable
**14.6 Special precautions for user**

**ADR**
**14.1 UN number or ID number** UN3269
**14.2 Proper shipping name** Polyester Resin Kit
**14.3 Transport hazard class(es)** 3
**14.4 Packing Group** III
**Description** UN3269, Polyester Resin Kit, 3, III
**14.5 Environmental hazard** Not applicable
**14.6 Special precautions for user**

## 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 |

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

**Netherlands**

**Carcinogenic, mutagenic and reproductive toxic effects**

| Chemical name | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|---|---|---|---|
| Styrene | - | - | Development Category 2 |
| Crystalline Silica (Quartz) | Present | - | - |

**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. | - |

**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

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

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---|---|
| Ground Limestone (Calcium Carbonate) - 1317-65-3 | Plant protection agent |
| Crystalline Silica (Quartz) - 14808-60-7 | Plant protection agent |

**International Inventories**
**EINECS/ELINCS** Complies

**Legend:**
**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 H-Statements referred to under section 3**
EUH066 - Repeated exposure may cause skin dryness or cracking
H224 - Extremely flammable liquid and vapor
H225 - Highly flammable liquid and vapor
H226 - Flammable liquid and vapor
H301 - Toxic if swallowed
H304 - May be fatal if swallowed and enters airways
H311 - Toxic in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H331 - Toxic if inhaled
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) Chemicals
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

**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

**Revision Date** 08-Jan-2024

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

**EU SDS version information - EGHS**
UL release:
GHS Revision 7
2023 Q1

**Europe** Post GHS Wizard classification change

| | |
|---|---|
| Specific target organ toxicity (single exposure) | Category 3 |

Category 3 Target organ effects: Respiratory irritation.

| | |
|---|---|
| Specific target organ toxicity (repeated exposure) | Category 1 |

Category 1 hearing organs.

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking H224 - Extremely flammable liquid and vapor H225 - Highly flammable liquid and vapor H226 - Flammable liquid and vapor H301 - Toxic if swallowed H304 - May be fatal if swallowed and enters airways H311 - Toxic in contact with skin H315 - Causes skin irritation H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H319 - Causes serious eye irritation H331 - Toxic if inhaled 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

| Chemical name | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) |
|---|---|---|
| Ground Limestone (Calcium Carbonate) | [C] | |
| Styrene | Acute Tox. 4 (H332)<br>Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>Repr. 2 (H361d)<br>STOT SE 3 (H335)<br>STOT RE 1 (H372)<br>Flam. Liq. 3 (H226)<br>Aquatic Chronic 3 (H412) | :: |
| Crystalline Silica (Quartz) | [C] | |
| Benzenamine, N,N,4-Trimethyl | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 3 (H331)<br>STOT RE 2 (H373)<br>Aquatic Chronic 3 (H412) | :: |

| Chemical name | CAS No | French RG number |
|---|---|---|
| Styrene | 100-42-5 | RG 84 |
| Crystalline Silica (Quartz) | 14808-60-7 | RG 25 |

**Storage class (TRGS 510)** Storage class 3

VOC content