

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

1.1 Product identifier

Product name PumaGrip (TexSkid MMA Repair)

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

Recommended Use MMA High friction surfacing system (Plus repair)

1.3 Details of the supplier of the safety data sheet

Supplier Hitex Traffic Safety Ltd
Cloister Way
Ellesmere Port
Cheshire, CH65 4EL
United Kingdom
Phone: +44 (0) 151 355 4100
Fax: +44 (0) 151 355 4171

This telephone number is available during office hours only

For further information, please contact: info@hitexinternational.com

1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

| | |
|-----------------------|---|
| United Kingdom | 111 |
| Europe | 112 |
| Austria | +43 1 406 43 43 |
| Belgium | Poison center (BE): +32 70 245 245 |
| Denmark | Poison Control Hotline (DK): +45 82 12 12 12 |
| Finland | Poison Information Centre (FI): +358 9 471 977 |
| France | ORFILA (FR): + 01 45 42 59 59 |
| Germany | Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German) |
| Ireland | National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566 |
| Iceland | +354 543 2222 |
| Italy | Poison Centre, Milan (IT): +39 02 6610 1029 |
| Luxembourg | 112 |
| Netherlands | National Poisons Information Centre (NL): +31 30 274 88 88 (NB: this service is only available to health professionals) |
| Norway | Poisons Information (NO): + 47 22 591300 |
| Portugal | Poison Information Centre (PT): +351 21 330 3284 |
| Spain | Poison Information Service (ES): +34 91 562 04 20 |
| Sweden | Poisons Information Center (SV): +46 8 33 12 31 |
| Switzerland | Poison Center: Tel 145; +41 44 251 51 51 |

2. Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

| | |
|--|---------------------|
| Skin corrosion/irritation | Category 2 - (H315) |
| Skin sensitisation | Category 1 - (H317) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |
| Specific target organ toxicity - repeated exposure | Category 2 - (H373) |
| Flammable liquids | Category 2 - (H225) |

2.2 Label elements



Signal Word

Danger

Hazard Statements

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H335 - May cause respiratory irritation

H373 - May cause damage to organs through prolonged or repeated exposure

H225 - Highly flammable liquid and vapour

EUH208 - Contains 2-HYDROXYETHYL METHACRYLATE May produce an allergic reaction

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

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P273 - Avoid release to the environment

P243 - Take precautionary measures against static discharge

P271 - Use only outdoors or in a well-ventilated area

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

Contains METHYL METHACRYLATE, 2-ETHYLHEXYL ACRYLATE, TRIETHYLENGLYCOL DIMETHACRYLATE, Respirable Crystalline Silica

2.3. Other Hazards

No information available

3. Composition/information on ingredients

3.1 Substances

This product is a mixture. Health hazard information is based on its components

3.2 Mixtures

| Chemical Name | EC-No | CAS-No | Weight percent | GHS Classification | REACH Registration Number |
|---|-----------|------------|----------------|--------------------|---------------------------|
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND | 238-878-4 | 14808-60-7 | 25 - 50 | no data available | no data available |

| | | | | | |
|---------------------------------|-----------|------------|----------|---|------------------------|
| METHYL METHACRYLATE | 201-297-1 | 80-62-6 | 10 - 25 | STOT SE 3 (H335) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Flam Liq. 2 (H225) | 01-2119452498-28-XXXX |
| 2-ETHYLHEXYL ACRYLATE | 203-080-7 | 103-11-7 | 2.5 - 10 | Skin Irrit. 2 (H315) Skin Sens. 1 (H317) STOT SE 3 (H335) Aquatic Chronic 3 (H412) | 01-2119453158-37-XX XX |
| Respirable Crystalline Silica | 238-878-4 | 14808-60-7 | 2.5 - 10 | STOT RE 1 (H372) | no data available |
| TRIETHYLENGLYCOL DIMETHACRYLATE | 203-652-6 | 109-16-0 | 1 - 2.5 | Skin Sens. 1 (H317) | 01-2119969287-21-XX XX |
| 2-HYDROXYETHYL METHACRYLATE | 212-782-2 | 868-77-9 | < 1 | Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) | 01-2119490169-29-XX XX |
| 4-Methoxyphenol | 205-769-8 | 150-76-5 | < 0.1 | Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412) | no data available |

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First Aid Measures

4.1 Description of first aid measures

General advice

Move out of dangerous area. Take off all contaminated clothing immediately.

Inhalation

Move to fresh air. Keep respiratory tract clear. If unconscious place in recovery position and seek medical advice. If not breathing, give artificial respiration. Call a physician if irritation develops or persists.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if irritation develops or persists.

Eye contact

Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

Ingestion

Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Dry powder, Foam, Carbon dioxide (CO₂), Water mist.

Extinguishing media which shall not be used for safety reasons

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions. Mixture reacts slowly with water resulting in evolution of CO₂. Evolution of CO₂ in closed containers causes overpressure and produces a risk of bursting.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Keep containers and surroundings cool with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological Information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment.

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Provide exhaust ventilation close to floor level. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Open drum carefully as content may be under pressure. Use only in well-ventilated areas. Vapours may form explosive mixtures with air. Keep product and empty container away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge. Do not use sparking tools. Use only explosion-proof equipment. Have fire extinguishers ready before opening the drum.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Keep working clothes separately.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in original container. Never fill containers more than 80 % because aerial oxygen is necessary for stabilising. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep in an area equipped with solvent resistant flooring. Do not store together with oxidizing and self-igniting products.

7.3 Specific end uses**Specific use(s)**

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection**8.1 Control parameters****Exposure Limit Values**

| Chemical Name | European Union | Austria | Belgium | Denmark | Finland | France |
|---|---|--|---|---|---|---|
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND 14808-60-7 | | TWA: 0.15 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ | TWA: 0.05 mg/m ³ | TWA: 0.1 mg/m ³ |
| METHYL METHACRYLATE 80-62-6 | | STEL 100 ppm STEL 420 mg/m ³ TWA: 50 ppm TWA: 210 mg/m ³ | TWA: 50 ppm TWA: 208 mg/m ³ STEL: 100 ppm STEL: 416 mg/m ³ | TWA: 25 ppm TWA: 102 mg/m ³ Skin | TWA: 10 ppm TWA: 42 mg/m ³ STEL: 50 ppm STEL: 210 mg/m ³ | TWA: 50 ppm TWA: 205 mg/m ³ STEL: 100 ppm STEL: 410 mg/m ³ |
| 2-ETHYLHEXYL ACRYLATE 103-11-7 | | Skin STEL 10 ppm STEL 82 mg/m ³ TWA: 10 ppm TWA: 82 mg/m ³ Ceiling 10 ppm Ceiling 82 mg/m ³ | | | | |
| Respirable Crystalline Silica 14808-60-7 | | TWA: 0.15 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ | TWA: 0.05 mg/m ³ | TWA: 0.1 mg/m ³ |
| 4-Methoxyphenol 150-76-5 | | STEL 10 mg/m ³ TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | | TWA: 5 mg/m ³ |
| Chemical Name | Germany | Iceland | Ireland | Italy | Luxembourg | The Netherlands |
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND 14808-60-7 | Skin | TWA: 0.3 mg/m ³ total dust TWA: 0.1 mg/m ³ respirable dust Ceiling: 0.6 mg/m ³ total dust Ceiling: 0.2 mg/m ³ respirable dust | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ | TWA: 0.025 mg/m ³ | | TWA: 0.075 mg/m ³ |
| METHYL METHACRYLATE 80-62-6 | TWA: 50 ppm TWA: 210 mg/m ³ | TWA: 50 ppm S* Ceiling: 100 ppm STEL: 100 ppm | TWA: 50 ppm STEL: 100 ppm | STEL: 100 ppm STEL: 410 mg/m ³ TWA: 50 ppm TWA: 205 mg/m ³ | STEL: 100 ppm TWA: 50 ppm | STEL: 410 mg/m ³ TWA: 205 mg/m ³ |
| 2-ETHYLHEXYL ACRYLATE 103-11-7 | TWA: 5 ppm TWA: 38 mg/m ³ | | | | | |
| Respirable Crystalline Silica 14808-60-7 | Skin | TWA: 0.3 mg/m ³ total dust TWA: 0.1 mg/m ³ respirable dust Ceiling: 0.6 mg/m ³ total dust Ceiling: 0.2 mg/m ³ respirable dust | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ | TWA: 0.025 mg/m ³ | | TWA: 0.075 mg/m ³ |

| | | | | | | |
|--|--|---|--|---|---|---|
| 4-Methoxyphenol 150-76-5 | | TWA: 5 mg/m ³ Ceiling: 10 mg/m ³ | TWA: 5 mg/m ³ STEL: 15 mg/m ³ | TWA: 5 mg/m ³ | | |
| Chemical Name | Norway | Portugal | Spain | Sweden | Switzerland | The United Kingdom |
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND 14808-60-7 | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.3 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ | LLV: 0.1 mg/m ³ | TWA: 0.15 mg/m ³ | STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ |
| METHYL METHACRYLATE 80-62-6 | TWA: 25 ppm TWA: 100 mg/m ³ Skin STEL: 100 ppm STEL: 400 mg/m ³ | STEL: 100 ppm TWA: 50 ppm | STEL: 100 ppm TWA: 50 ppm | LLV: 50 ppm LLV: 200 mg/m ³ S* STV: 150 ppm STV: 600 mg/m ³ | STEL: 100 ppm STEL: 420 mg/m ³ TWA: 50 ppm TWA: 210 mg/m ³ | STEL: 100 ppm STEL: 416 mg/m ³ TWA: 50 ppm TWA: 208 mg/m ³ |
| 2-ETHYLHEXYL ACRYLATE 103-11-7 | | | | | STEL: 5 ppm STEL: 38 mg/m ³ TWA: 5 ppm TWA: 38 mg/m ³ | |
| Respirable Crystalline Silica 14808-60-7 | TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.3 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ | LLV: 0.1 mg/m ³ | TWA: 0.15 mg/m ³ | STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ |
| 2-HYDROXYETHYL METHACRYLATE 868-77-9 | TWA: 2 ppm TWA: 11 mg/m ³ STEL: 4 ppm STEL: 16.5 mg/m ³ | | | | | |
| 4-Methoxyphenol 150-76-5 | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | | | |

TWA: time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face Protection

Tightly fitting safety goggles. Eye wash bottle with pure water.

Hand Protection

Solvent-resistant gloves. Suitable material: butyl-rubber. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Follow the skin protection plan.

Skin and body protection

Follow the skin protection plan. Flame retardant antistatic protective clothing. Remove and wash contaminated clothing before re-use.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Keep working clothes separately.

Environmental exposure controls Prevent product from entering drains. Do not allow material to contaminate ground water system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | |
|--|--------------------------|--------------------------|
| Physical state | Viscous Liquid | |
| Appearance | No information available | |
| Colour | Light Brown | |
| Odour | acrylic-like | |
| Odour Threshold | 0.05 ppm | |
| Property | Values | Remarks |
| pH | | No information available |
| Melting/freezing point | -48°C (MMA) / -54°F | |
| Boiling point/boiling range | 101°C (MMA) / 214°F | |
| Flash point | 12°C (MMA) / 54°F | |
| Evaporation rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability limits in air upper | | |
| Flammability limit lower | | No information available |
| Flammability limit upper | | No information available |
| Explosion limit | 12.5 Vol.% (MMA) | |
| Lower explosion limit | 2.1 Vol.% (MMA) | |
| Vapour pressure | 38.7 mbar (MMA) | (Air = 1.0) |
| Vapour density | | No information available |
| Specific Gravity | | No information available |
| Water solubility | Insoluble | |
| Solubility in other solvents | | No information available |
| Partition coefficient | 1.38 log POW (MMA) | |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Viscosity, kinematic | | No information available |
| Viscosity, dynamic | | No information available |
| Explosive properties | | No information available |
| Oxidising properties | | No information available |
| 9.2 Other information | | |
| Volatile Organic Compounds (VOC) content | | No information available |
| Density | 1.4 – 1.5 kg/l (23°C) | |

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Polymerisation occurs when exposed to white light, ultraviolet light or heat. Polymerisation is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

10.4 Conditions to Avoid

Heat, flames and sparks. Exposure to sunlight.

10.5 Incompatible Materials

Avoid radical-forming starting agents, peroxides and reactive metals, Amines, Heavy metal compounds, Oxidizing agents, Reducing agents

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

11. Toxicological information

11.1 Information on toxicological effects**Acute toxicity****Product Information**

| | |
|---------------------|---|
| Inhalation | Irritating to respiratory system. Irritating to mucous membranes. |
| Eye contact | There are no data available for this product. |
| Skin contact | Irritating to skin. May cause sensitisation by skin contact. |
| Ingestion | There are no data available for this product. |

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

Unknown Acute Toxicity

- 1.32273 % of the mixture consists of ingredient(s) of unknown toxicity
- 1.022 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 1.02273 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 1.32273 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 1.32273 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)
- 1.32273 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|--------------------|-------------------------|-----------------|
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND | 500 mg/kg (Rat) | | |
| METHYL METHACRYLATE | > 5000 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | 29.8 mg/l (Rat) |
| 2-ETHYLHEXYL ACRYLATE | 4435 mg/kg (Rat) | = 7522 mg/kg (Rabbit) | |
| Respirable Crystalline Silica | 500 mg/kg (Rat) | | |

| | |
|---|--|
| Skin corrosion/irritation | Irritating to skin. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitisation | May cause sensitisation by skin contact. |
| Germ Cell Mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| Specific target organ toxicity single exposure | No information available. |
| Specific target organ toxicity repeated exposure | No information available. |

Target Organs Eyes. Respiratory system. Skin.

Aspiration hazard No information available.

12. Ecological information

12.1 Toxicity

< 1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|-----------------------------|---|---|---|
| METHYL METHACRYLATE | EC50: 96 h <i>Pseudokirchneriella subcapitata</i> 170 mg/L | LC50: 96 h <i>Pimephales promelas</i> 243 - 275 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 125.5 - 190.7 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 170 - 206 mg/L flow-through LC50: 96 h <i>Lepomis macrochirus</i> 153.9 - 341.8 mg/L static LC50: 96 h <i>Oncorhynchus mykiss</i> 79 mg/L flow-through LC50: 96 h <i>Oncorhynchus mykiss</i> 79 mg/L static LC50: 96 h <i>Poecilia reticulata</i> 326.4 - 426.9 mg/L static | EC50: 48 h <i>Daphnia magna</i> 69 mg/L |
| 2-ETHYLHEXYL ACRYLATE | EC50: 72 h <i>Desmodesmus subspicatus</i> 44 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 47 mg/L | | EC50: 48 h <i>Daphnia magna</i> 17.45 mg/L |
| 2-HYDROXYETHYL METHACRYLATE | | LC50: 96 h <i>Pimephales promelas</i> 213 - 242 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 227 mg/L | |
| 4-Methoxyphenol | | LC50: 96 h <i>Pimephales promelas</i> 84.3 mg/L flow-through LC50: 96 h <i>Oncorhynchus mykiss</i> 28.5 mg/L flow-through | |

12.2 Persistence and degradability

Partially

biodegradable.

12.3 Bioaccumulative potential

No data are available on the product itself.

| Chemical Name | log Pow |
|-----------------------------|---------|
| METHYL METHACRYLATE | 0.7 |
| 2-ETHYLHEXYL ACRYLATE | 4.64 |
| 2-HYDROXYETHYL METHACRYLATE | 0.47 |
| 4-Methoxyphenol | 1.34 |

12.4 Mobility in soil

No information available.

Mobility

No data is available on the product itself.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

No information available.

13. Disposal Considerations

13.1 Waste treatment methods

| | |
|--|---|
| Waste from residues / unused products | Dispose of as hazardous waste in compliance with local and national regulations. European Waste Catalogue. 080111 - waste paint and varnish containing organic solvents or other dangerous substances. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum. Waste Code. 150110 packaging containing residues of or contaminated by dangerous substances. |
| Other information | European Waste Catalogue. |

14. Transport Information

ADR

| | |
|----------------------------------|--------------------------|
| 14.1 UN | 1866 |
| 14.2 Proper shipping name | UN 1866 - Resin solution |
| 14.3 Hazard class | 3 |
| ADR/RID-Labels | 3 |
| 14.4 Packing Group | II |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions | None |
| Tunnel restriction code | D/E |
| Hazard identification No | 33 |

IMDG

| | |
|--|--------------------------|
| 14.1 UN | 1866 |
| 14.2 Proper shipping name | UN 1866 - Resin solution |
| 14.3 Hazard class | 3 |
| 14.4 Packing Group | II |
| 14.5 Marine pollutant | No |
| 14.6 Special Provisions | None |
| EmS | F-E, S-E |
| 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code | No information available |

IATA

| | |
|----------------------------------|--------------------------|
| 14.1 UN | 1866 |
| 14.2 Proper shipping name | UN 1866 - Resin solution |
| 14.3 Hazard class | 3 |
| 14.4 Packing Group | II |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions | None |

15. Regulatory information

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

National regulatory information

Germany WGK Classification WGK = 1 (self classification) **Germany GIS Code** RMA 10

Denmark - MAL Factor MAL-kode 4-5

| Chemical Name | French RG number | Title |
|---|------------------|-------|
| CRYSTALLINE SILICA (QUARTZ)/SILICA SAND 14808-60-7 | RG 25 | - |
| METHYL METHACRYLATE 80-62-6 | RG 65, RG 82 | - |
| 2-ETHYLHEXYL ACRYLATE 103-11-7 | RG 65 | - |
| Respirable Crystalline Silica 14808- 60-7 | RG 25 | - |
| 2-HYDROXYETHYL METHACRYLATE 868-77-9 | RG 65 | - |
| 4-Methoxyphenol 150- 76-5 | RG 65 | - |

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

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

| | |
|----------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | - |
| DSL PICCS ENCS | - |
| IECSC | - |
| AICS | - |
| KECL | - |
| NZIoC | - |

Legend

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

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

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

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H335 - May cause respiratory irritation

H412 - Harmful to aquatic life with long lasting effects

H372 - Causes damage to organs through prolonged or repeated exposure if inhaled

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

H225 - Highly flammable liquid and vapour

Prepared By Hitex Traffic Safety Ltd
Technical Department

Revision Date 18-APR-2019

Revision Note Updated Formatting and Revised Physical Properties

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

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet