

Safety Data Sheet
according to Regulation (EC)
No. 2015/830



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

1.1	Product identifier	31353RPX-T1
	Product name	31136 RED URETHANE, MIL-PRF-85285F, TYPE I, CLASS H, PART A
	UFI	No Information
1.2	Relevant identified uses of the substance or mixture and uses advised against	Industrial Paint or Paint Related
1.3	Details of the supplier of the safety data sheet	Hentzen Coatings, Inc. 6937 Mill Road Milwaukee, WI 53218-1225 414-353-4200
1.4	Emergency telephone number	ChemTrec 1-800-424-9300
1.5	Safety Data Sheet Coordinator	HCI_Regulatory@Hentzen.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to regulation (EC) 1272/2008 (CLP)

Acute Tox. 4 Inhalation, Eye Irrit. 2A, Flam. Liq. 2, Skin Cracking, STOT SE 3 NE

GHS HAZARD STATEMENTS

Skin drying or cracking	EUH066
Other EU extensions	EUH211
Flammable Liquid, category 2	H225
Eye Irritation, category 2	H319
Acute Toxicity, Inhalation, category 4	H332
STOT, single exposure, category 3, NE	H336

For full text of Hazard- and EU Hazard-statements: see SECTION 16

2.1.2 Additional information:

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.

2.2 Label elements

Labelling according to regulation (EC) No 1272/2008 (CLP)

Hazard pictograms



Signal word

Danger

Possible hazards

26.7% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

GHS LABEL PRECAUTIONARY STATEMENTS

Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P317	If eye irritation persists: Get medical help.
P370+P378	In case of fire: Use CO ₂ , dry chemical, or foam to extinguish.

Storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store in accordance with local regulations.

Disposal

P501	Dispose of contents/container to an approved waste disposal plant.
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2.3 Other hazards

EMERGENCY OVERVIEW: No hazards to be specially mentioned.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

CAS-No.	EINECS No.	REACH Reg No.	Wt. %	Chemical name	Classification
110-43-0	203-767-1	No Information	10-25	METHYL AMYL KETONE	Flam. Liq. 3, H226; Acute Tox. 4 Oral and Inhalation, H302+H332
79-20-9	201-185-2	No Information	10-25	METHYL ACETATE	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3 NE, H336; EUH066
37625-56-2	No Information	No Information	10-25	POLYCAPROLACTONE TRIOL	
12001-26-2	No Information	No Information	10-25	POLYESTER RESIN	
112926-00-8	No Information	No Information	2.5-10	MICA (POTASSIUM ALUMINUM SILICATE)	
123-54-6	204-634-0	No Information	2.5-10	SYNTHETIC AMORPHOUS SILICA (PRECIPITATED)	
12236-62-3	235-462-4	No Information	2.5-10	ACETYLACETONE	Flam. Liq. 3, H226; Acute Tox. 4 Oral, H302; Acute Tox. 3 Dermal, H311
123-86-4	204-658-1	No Information	1.0-2.5	BENZIMIDAZOLONE ORANGE PIGMENT	
13463-67-7	236-675-5	No Information	1.0-2.5	BUTYL ACETATE	Flam. Liq. 3, H226; Acute Tox. 3 Inhalation, H330; STOT SE 3 NE, H336; EUH066
14808-60-7	238-878-4	No Information	0.1-1.0	TITANIUM DIOXIDE	Carc. 2, H351
1330-20-7	215-535-7	No Information	0.1-1.0	CRYSTALLINE SILICA(QUARTZ)	
				XYLENE(PURE)	Flam. Liq. 3, H226; Skin Irrit. 2, H315

The text for CLP Hazard Statements shown above (if any) is given in "Section 16.

SECTION 4: First aid measures



4.1 Description of first aid measures

FIRST AID - GENERAL ADVICE: Show this safety data sheet to the doctor in attendance. Call 911 or emergency medical service. Do not delay care and transport of a seriously injured person. Effects should disappear after individual has been exposed to fresh air for approximately 10 minutes. Remove and isolate contaminated clothing and shoes. Consult a physician. Do not breathe vapors, mist or gas. Do not breathe dust. Move out of dangerous area. Use personal protective equipment. Remove all sources of ignition. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. See section 8 for more information. Ensure adequate ventilation.

FIRST AID - INHALATION: Apply artificial respiration if victim is not breathing. Move victim to fresh air. Keep victim warm and quiet. If unconscious, place in recovery position and seek medical advice. Artificial respiration and/or oxygen may be necessary. Administer oxygen if breathing is difficult. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get medical attention immediately if symptoms occur.

FIRST AID - INGESTION: Rinse mouth with water. Consult a physician if necessary. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Call a poison control center or doctor for treatment advice.

FIRST AID - SKIN CONTACT: Take off contaminated clothing and shoes immediately. In the case of skin irritation or allergic reactions see a physician. For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, keep exposed skin areas immersed in water or covered with wet bandages until medical attention is received. Remove material from skin immediately. Do not remove clothing if adhering to skin. Wash contaminated clothing before reuse.

FIRST AID - EYE CONTACT: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. May produce an allergic reaction. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Do not rub affected area. Get medical attention immediately if symptoms occur.

NOTES TO PHYSICIAN: Treat symptomatically. Keep victim warm and quiet. Symptoms may be delayed.

4.2 Most important symptoms and effects, both acute and delayed

No Information

4.3 Indication of any immediate medical attention and special treatment needed

No Information

SECTION 5: Fire-fighting measures**5.1 Extinguishing media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

FOR SAFETY REASONS NOT TO BE USED: No Information

5.2 Special hazards arising from the substance or mixture

Extremely flammable liquid and vapor. The product causes irritation of eyes, skin and mucous membranes. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Runoff to sewer may create fire or explosion hazard. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Will be easily ignited by heat, sparks or flames. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cool drums with water spray. Fire will produce dense black smoke containing hazardous combustion products (see section 10). Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Container may explode in heat of fire.

5.3 Advice for fire-fighters

No Information

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Dispose of material in accordance with all federal, state and local regulations.

In the event of fire, wear self-contained breathing apparatus. Keep away from sources of ignition. Prevent fire fighting water from entering surface water or groundwater. Cool containers with spray water from a safe distance. Never use welding or cutting torch on or near container (even empty) because product may ignite explosively. Pay attention to flashback. Refer to protective measures listed in sections 7 and 8.

Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak. Take precautionary measures against static discharges. Pay attention to flashback. All equipment used when handling the product must be grounded. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). If you have not donned special protective clothing approved for this material, do not expose yourself to any risk of this material touching you. Stop leak if you can do it without risk. Wash thoroughly after handling. Contaminated surfaces will be extremely slippery. Refer to protective measures listed in sections 7 and 8. Do not breathe dust. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8).

6.2 Environmental precautions

Should not be released into the environment. Prevent entry into waterways, sewers, basements or confined areas. Prevent spreading of vapors through sewers, ventilation systems and confined areas. Dispose of contents/container to an approved waste disposal plant. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.3 Methods and material for containment and cleaning up

A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

6.4 Reference to other sections

No Information

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Use spark-proof tools and explosion-proof equipment. Wear personal protective equipment. Remove and wash contaminated

clothing before re-use. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). In case of insufficient ventilation, wear suitable respiratory equipment. Ensure adequate ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wash thoroughly after handling. Never pierce, drill, grind, cut, saw or weld any empty container. Provide sufficient air exchange and/or exhaust in work rooms. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Keep product and empty container away from heat and sources of ignition. Electrical equipment should be protected to the appropriate standard. Keep container closed when not in use. Ground and bond containers when transferring material.

7.2 Conditions for safe storage, including any incompatibilities

STORAGE: Keep in properly labeled containers. Keep container tightly closed. Keep out of the reach of children. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a well-ventilated place. Keep cool. Ensure all equipment is electrically grounded before beginning transfer operations. Use spark-proof tools and explosion-proof equipment. Keep locked up or in an area accessible only to qualified or authorized persons. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

CONDITIONS TO AVOID: Excessive heat. Storage near to reactive materials. Take precautionary measures against static discharges. Direct sources of heat.

7.3 Specific end use(s)

No Information

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values

Chemical Name	Austria	Belguim	Denmark	European Union	Finland	France
METHYL AMYL KETONE 110-43-0	STEL: 100 ppm STEL: 473 mg/m3 TWA: 50 ppm TWA: 237 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	TWA: 50 ppm TWA: 238 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	STEL: 75 ppm STEL: 360 mg/m3 TWA: 50 ppm TWA: 240 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3
METHYL ACETATE 79-20-9	STEL: 400 ppm STEL: 1220 mg/m3 TWA: 200 ppm TWA: 610 mg/m3	STEL: 250 ppm STEL: 768 mg/m3 TWA: 200 ppm TWA: 615 mg/m3	TWA: 150 ppm TWA: 455 mg/m3		STEL: 250 ppm STEL: 770 mg/m3 TWA: 200 ppm TWA: 610 mg/m3	STEL: 250 ppm STEL: 760 mg/m3 TWA: 200 ppm TWA: 610 mg/m3
MICA (POTASSIUM ALUMINUM SILICATE) 12001-26-2	TWA: 10 mg/m3	TWA: 3 mg/m3				
SYNTHETIC AMORPHOUS SILICA (PRECIPITATED) 112926-00-8	TWA: 4 mg/m3	TWA: 10 mg/m3			TWA: 5 mg/m3	
ACETYLACETONE 123-54-6		TWA: 25 ppm TWA: 102 mg/m3				
BUTYL ACETATE 123-86-4	STEL: 100 ppm STEL: 480 mg/m3 TWA: 50 ppm TWA: 241 mg/m3	STEL: 150 ppm STEL: 712 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	TWA: 50 ppm TWA: 241 mg/m3		STEL: 150 ppm STEL: 725 mg/m3 TWA: 50 ppm TWA: 240 mg/m3	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3
TITANIUM DIOXIDE 13463-67-7	STEL: 10 mg/m3 TWA: 5 mg/m3	TWA: 10 mg/m3	TWA: 6 mg/m3			TWA: 10 mg/m3
CRYSTALLINE SILICA(QUARTZ) 14808-60-7	TWA: 0.05 mg/m3	TWA: 0.1 mg/m3 TWA: 0.05 mg/m3	TWA: 0.3 mg/m3 TWA: 0.1 mg/m3		TWA: 0.05 mg/m3	TWA: 0.1 mg/m3
XYLENE(PURE) 1330-20-7	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	TWA: 25 ppm TWA: 109 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	STEL: 100 ppm STEL: 440 mg/m3 TWA: 50 ppm TWA: 220 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3

Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
METHYL AMYL KETONE 110-43-0		STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	TWA: 48.9 ppm TWA: 233 mg/m3
METHYL ACETATE 79-20-9	TWA: 100 ppm TWA: 310 mg/m3	TWA: 150 ppm TWA: 455 mg/m3	STEL: 250 ppm STEL: 760 mg/m3 TWA: 200 ppm TWA: 610 mg/m3			
MICA (POTASSIUM ALUMINUM SILICATE) 12001-26-2			STEL: 9 mg/m3 TWA: 3 mg/m3			
SYNTHETIC AMORPHOUS SILICA (PRECIPITATED) 112926-00-8	TWA: 0.02 mg/m3					
ACETYLACETONE 123-54-6	TWA: 20 ppm TWA: 83 mg/m3		STEL: 75 ppm TWA: 25 ppm			
BUTYL ACETATE 123-86-4	TWA: 100 ppm TWA: 480 mg/m3	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3	STEL: 150 ppm STEL: 723 mg/m3	STEL: 723 mg/m3 STEL: 150 ppm TWA: 241 mg/m3 TWA: 50 ppm	STEL: 723 mg/m3 STEL: 150 ppm TWA: 241 mg/m3 TWA: 50 ppm	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3
TITANIUM DIOXIDE 13463-67-7	TWA: 0.3 mg/m3	TWA: 6 mg/m3	STEL: 30 mg/m3 STEL: 12 mg/m3 TWA: 10 mg/m3 TWA: 4 mg/m3			
CRYSTALLINE SILICA(QUARTZ) 14808-60-7		TWA: 0.3 mg/m3 TWA: 0.1 mg/m3	STEL: 0.3 mg/m3 TWA: 0.1 mg/m3			TWA: 0.075 mg/m3
XYLENE(PURE) 1330-20-7	TWA: 50 ppm TWA: 220 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 25 ppm TWA: 109 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 50 ppm TWA: 221 mg/m3	STEL: 100 ppm STEL: 442 mg/m3 TWA: 47.5 ppm TWA: 210 mg/m3
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	UK
METHYL AMYL KETONE 110-43-0	STEL: 37.5 ppm STEL: 143.75 mg/m3 TWA: 25 ppm TWA: 115 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 238 mg/m3	STEL: 100 ppm STEL: 474 mg/m3 TWA: 50 ppm TWA: 237 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 25 ppm TWA: 120 mg/m3	TWA: 50 ppm TWA: 235 mg/m3	STEL: 100 ppm STEL: 475 mg/m3 TWA: 50 ppm TWA: 237 mg/m3
METHYL ACETATE 79-20-9	STEL: 150 ppm STEL: 381.25 mg/m3 TWA: 100 ppm TWA: 305 mg/m3	STEL: 250 ppm TWA: 200 ppm	STEL: 250 ppm STEL: 770 mg/m3 TWA: 200 ppm TWA: 616 mg/m3	STEL: 300 ppm STEL: 900 mg/m3 TWA: 150 ppm TWA: 450 mg/m3	STEL: 400 ppm STEL: 1240 mg/m3 TWA: 100 ppm TWA: 310 mg/m3	STEL: 250 ppm STEL: 770 mg/m3 TWA: 200 ppm TWA: 616 mg/m3
MICA (POTASSIUM ALUMINUM SILICATE) 12001-26-2	STEL: 12 mg/m3 STEL: 6 mg/m3 TWA: 6 mg/m3 TWA: 3 mg/m3	TWA: 3 mg/m3	TWA: 3 mg/m3		TWA: 3 mg/m3	STEL: 30 mg/m3 STEL: 2.4 mg/m3 TWA: 10 mg/m3 TWA: 0.8 mg/m3
ACETYLACETONE 123-54-6		TWA: 25 ppm	STEL: 40 ppm STEL: 166 mg/m3 TWA: 20 ppm TWA: 83 mg/m3		STEL: 40 ppm STEL: 166 mg/m3 TWA: 20 ppm TWA: 83 mg/m3	
BUTYL ACETATE 123-86-4	STEL: 723 mg/m3 STEL: 150 ppm TWA: 241 mg/m3 TWA: 50 ppm	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3	STEL: 150 ppm STEL: 723 mg/m3 TWA: 50 ppm TWA: 241 mg/m3	STEL: 150 ppm STEL: 720 mg/m3 TWA: 50 ppm TWA: 240 mg/m3	STEL: 200 ppm STEL: 966 mg/m3 TWA: 150 ppm TWA: 724 mg/m3
TITANIUM DIOXIDE 13463-67-7	STEL: 10 mg/m3 TWA: 5 mg/m3	TWA: 10 mg/m3	TWA: 10 mg/m3	TWA: 5 mg/m3	TWA: 3 mg/m3 TWA: 3 mg/m3 TWA: 10 mg/m3	STEL: 30 mg/m3 STEL: 12 mg/m3 TWA: 10 mg/m3 TWA: 4 mg/m3

Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	UK
CRYSTALLINE SILICA(QUARTZ) 14808-60-7	STEL: 0.9 mg/m ³ STEL: 0.15 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.3 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.15 mg/m ³	
XYLENE(PURE) 1330-20-7	STEL: 37.5 ppm STEL: 135 mg/m ³ TWA: 25 ppm TWA: 108 mg/m ³	STEL: 100 ppm STEL: 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	STEL: 100 ppm STEL: 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	STEL: 100 ppm STEL: 442 mg/m ³ TWA: 50 ppm TWA: 221 mg/m ³	STEL: 100 ppm STEL: 440 mg/m ³ TWA: 50 ppm TWA: 220 mg/m ³	STEL: 100 ppm STEL: 441 mg/m ³ TWA: 50 ppm TWA: 220 mg/m ³

TWA: Time weighted average STEL: Short term exposure limit

DNELs - Derived no effect level

No Information

PNEC's - Predicted no effect concentration

No Information

Information on monitoring procedures

No Information

8.2 Exposure controls

Personal protection



RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



SKIN PROTECTION: The selected protective gloves have to satisfy the specifications of EU Regulation (EU) 2016/425 and the standard EN 374 derived from it. Solvent-resistant gloves. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Follow the skin protection plan. Wear protective gloves/ protective clothing. Wear suitable protective clothing.



EYE PROTECTION: Tightly fitting safety goggles. If splashes are likely to occur, wear: Face-shield.



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Regular cleaning of equipment, work area and clothing is recommended.



ENGINEERING CONTROLS: Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Where reasonably practicable this should be achieved by the use of local exhaust ventilation.



ENVIRONMENTAL EXPOSURE CONTROLS: No Information

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Liquid

Colour

No Information

Odour	Solvent
Melting point/freezing point (°C)	No Information
Boiling point or initial boiling point and boiling range (°C)	No Information
Flammability	No Information
Lower and upper explosion limit	1.0 - 16.0
Flash point, (°C)	-10 °C / 14 °F
Auto-ignition temperature (°C)	No Information
Decomposition temperature (°C)	No Information
pH	No Information
Kinematic Viscosity	No Information
Solubility	No Information
Partition coefficient: n-octanol/water (log value)	No Information
Vapour pressure	No Information
Density and/or relative density	1.121
Relative Vapour density	No Information
Particle characteristics	No Information

(See section 16 for abbreviation legend)

9.2 Other information

No Information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Flammable.

10.2 Chemical stability

Stable under recommended storage conditions. Risk of ignition. To avoid thermal decomposition, do not overheat. Keep away from open flames, hot surfaces and sources of ignition.

10.3 Possibility of hazardous reactions

No Information

10.4 Conditions to avoid

Excessive heat. Storage near to reactive materials. Take precautionary measures against static discharges. Direct sources of heat.

10.5 Incompatible materials

Oxidizing agents. Reducing agents. Risk of explosion if heated under confinement. Vapors are flammable. May form explosive mixtures in air.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product information

The acute effects of this product have not been tested. Data on individual components are tabulated below.

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

ATEmix (oral)	3,738.29 mg/kg
ATEmix (dermal)	9,834.97 mg/kg
ATEmix (inhalation - vapor)	24.34 mg/l

<u>CAS-No.</u>	<u>Chemical name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
110-43-0	METHYL AMYL KETONE	1600 mg/kg Rat	10300 mg/kg Rabbit	N.I.
79-20-9	METHYL ACETATE	6482 mg/kg Rat	5000 mg/kg Rabbit	49.2 - 98.4 mg/L Rat
112926-00-8	SYNTHETIC AMORPHOUS SILICA (PRECIPITATED)	>20000 mg/kg Rat	N.I.	N.I.
123-54-6	ACETYLACETONE	570 mg/kg Rat	790 mg/kg Rabbit	N.I.
123-86-4	BUTYL ACETATE	10768 mg/kg Rat	>17600 mg/kg Rabbit	0.74 mg/L Rat
13463-67-7	TITANIUM DIOXIDE	>2000 mg/kg Rat	N.I.	>5.09 mg/L Rat
1330-20-7	XYLENE(PURE)	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat

N.I. No Information

Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking. Mild skin irritation. Direct skin contact may cause irritation.

Serious eye damage/eye irritation

Irritating to eyes.

Respiratory or skin sensitization

No Information

Ingestion

No Information

Germ cell mutagenicity

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

Carcinogenicity

This product contains a known or suspected carcinogen.

Reproductive toxicity

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

STOT-single exposure

Vapors may cause drowsiness and dizziness.

STOT-repeated exposure

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

Aspiration hazard

No Information

Primary route(s) of entry

No Information

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

No Information

11.2.2 Other information

No Information

SECTION 12: Ecological information

12.1 Toxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
METHYL AMYL KETONE 110-43-0	No Information	LC50 96 h Pimephales promelas 126 - 137 mg/L	No Information
METHYL ACETATE 79-20-9	EC50 72 h Desmodesmus subspicatus >120 mg/L	LC50 96 h Pimephales promelas 295 - 348 mg/L, LC50 96 h Brachydanio rerio 250 - 350 mg/L	EC50 48 h Daphnia magna 1026.7 mg/L
ACETYLACETONE 123-54-6	No Information	LC50 96 h Pimephales promelas 98.3 - 110 mg/L, LC50 96 h Lepomis macrochirus 50.3 - 71.8 mg/L, LC50 96 h Oncorhynchus mykiss 64.1 - 80.1 mg/L	EC50 48 h Daphnia magna 34.4 mg/L
BENZIMIDAZOLONE ORANGE PIGMENT 12236-62-3	No Information	LC50 96 h Danio rerio >1 mg/L	No Information
BUTYL ACETATE 123-86-4	EC50 72 h Desmodesmus subspicatus 674.7 mg/L	LC50 96 h Lepomis macrochirus 100 mg/L, LC50 96 h Pimephales promelas 17 - 19 mg/L	No Information
1,6-Hexanediol 629-11-8	EC50 72 h Desmodesmus subspicatus 2200 mg/L	No Information	EC50 48 h Daphnia magna Straus >500 mg/L
Propylene glycol monomethyl ether acetate 108-65-6	No Information	LC50 96 h Pimephales promelas 161 mg/L	EC50 48 h Daphnia magna >500 mg/L
RED PIGMENT 84632-65-5	No Information	LC50 96 h Danio rerio >100 mg/L	No Information
XYLENE(PURE) 1330-20-7	No Information	LC50 96 h Pimephales promelas 13.4 mg/L, LC50 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L, LC50 96 h Oncorhynchus mykiss 13.5 - 17.3 mg/L, LC50 96 h Lepomis macrochirus 13.1 - 16.5 mg/L, LC50 96 h Lepomis macrochirus 19 mg/L, LC50 96 h Lepomis macrochirus 7.711 - 9.591 mg/L, LC50 96 h Pimephales promelas 23.53 - 29.97 mg/L, LC50 96 h Cyprinus carpio 780 mg/L, LC50 96 h Cyprinus carpio >780 mg/L, LC50 96 h Poecilia reticulata 30.26 - 40.	EC50 48 h water flea 3.82 mg/L, LC50 48 h Gammarus lacustris 0.6 mg/L
ETHYLBENZENE 100-41-4	EC50 72 h Pseudokirchneriella subcapitata 4.6 mg/L, EC50 96 h Pseudokirchneriella subcapitata >438 mg/L, EC50 72 h Pseudokirchneriella subcapitata 2.6 - 11.3 mg/L, EC50 96 h Pseudokirchneriella subcapitata 1.7 - 7.6 mg/L	LC50 96 h Oncorhynchus mykiss 11.0 - 18.0 mg/L, LC50 96 h Oncorhynchus mykiss 4.2 mg/L, LC50 96 h Pimephales promelas 7.55 - 11 mg/L, LC50 96 h Lepomis macrochirus 32 mg/L, LC50 96 h Pimephales promelas 9.1 - 15.6 mg/L, LC50 96 h Poecilia reticulata 9.6 mg/L	EC50 48 h Daphnia magna 1.8 - 2.4 mg/L
ISOBUTYL ALCOHOL 78-83-1	No Information	LC50 96 h Pimephales promelas 375 mg/L, LC50 96 h Pimephales promelas 1370 - 1670 mg/L, LC50 96 h Lepomis macrochirus 1480 - 1730 mg/L, LC50 96 h Oncorhynchus mykiss 1120 - 1520 mg/L	EC50 48 h Daphnia magna 1300 mg/L, EC50 48 h Daphnia magna 1070 - 1933 mg/L
LIGHT AROMATIC NAPHTHA 64742-95-6	No Information	LC50 96 h Oncorhynchus mykiss 9.22 mg/L	EC50 48 h Daphnia magna 6.14 mg/L

CUMENE 98-82-8	EC50 72 h Pseudokirchneriella subcapitata 2.6 mg/L	LC50 96 h Pimephales promelas 6.04 - 6.61 mg/L, LC50 96 h Oncorhynchus mykiss 4.8 mg/L, LC50 96 h Oncorhynchus mykiss 2.7 mg/L, LC50 96 h Poecilia reticulata 5.1 mg/L	EC50 48 h Daphnia magna 0.6 mg/L, EC50 48 h Daphnia magna 7.9 - 14.1 mg/L
TOLUENE 108-88-3	EC50 96 h Pseudokirchneriella subcapitata >433 mg/L, EC50 72 h Pseudokirchneriella subcapitata 12.5 mg/L	LC50 96 h Pimephales promelas 15.22 - 19.05 mg/L, LC50 96 h Pimephales promelas 12.6 mg/L, LC50 96 h Oncorhynchus mykiss 5.89 - 7.81 mg/L, LC50 96 h Oncorhynchus mykiss 14.1 - 17.16 mg/L, LC50 96 h Oncorhynchus mykiss 5.8 mg/L, LC50 96 h Lepomis macrochirus 11.0 - 15.0 mg/L, LC50 96 h Oryzias latipes 54 mg/L, LC50 96 h Poecilia reticulata 28.2 mg/L, LC50 96 h Poecilia reticulata 50.87 - 70.34 mg/L	EC50 48 h Daphnia magna 5.46 - 9.83 mg/L, EC50 48 h Daphnia magna 11.5 mg/L
Octamethylcyclotetrasiloxane 556-67-2	No Information	LC50 96 h Brachydanio rerio >500 mg/L, LC50 96 h Lepomis macrochirus >1000 mg/L	No Information
PETROLEUM DISTILLATE HYDROTREATED LIGHT 64742-47-8	No Information	LC50 96 h Pimephales promelas 45 mg/L, LC50 96 h Lepomis macrochirus 2.2 mg/L, LC50 96 h Oncorhynchus mykiss 2.4 mg/L	No Information
ISOPARAFFINIC HYDROCARBON 64742-48-9	No Information	LC50 96 h Pimephales promelas 2200 mg/L	No Information
MIXED TRIMETHYLBENZENES 25551-13-7	No Information	LC50 96 h Pimephales promelas 7.72 mg/L	No Information

12.2 Persistence and degradability

No information available on the product itself as the product is not tested.

12.3 Bioaccumulative potential

No Information

12.4 Mobility in soil

No Information

12.5 Results of PBT And vPvB assessment

No information available on the product itself as the product is not tested.

12.6 Endocrine disrupting properties

No Information

12.7 Other adverse effects

No Information

SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

DISPOSAL INFORMATION: Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to an approved waste disposal plant.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Dispose of material in accordance with all federal, state and local regulations.

CONTAMINATED PACKAGING: Do not re-use empty containers.

European waste code:

Packaging waste code:

SECTION 14: Transport information

ADR

14.1. UN number or ID number	UN1263
14.2. UN proper shipping name	Paint
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

IMDG

14.1. UN number or ID number	UN1263
14.2. UN proper shipping name	Paint
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	UN1263
14.2. UN proper shipping name	Paint
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

SECTION 15: Regulatory information

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

NATIONAL REGULATIONS

Denmark Product Registration Number:	Not available
Danish MAL Code:	Not available
Danish MAL Code - Mixture:	Not available
Sweden Product Registration Number:	Not available
Norway Product Registration Number:	Not available
Germany WGK Class:	Not available

As Mixed VOC Content (g/l):	Not available
Directive 2004/42/CE:	Not available
Covered by Directive 2012/18/EC (Seveso III):	Not applicable
Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:	Not applicable

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Revision date:	1/16/2025	Supersedes date:	12/18/2024
Datasheet produced by:	Regulatory Department		

Text for CLP Hazard Statements shown in SECTION 2:

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

Text for CLP Hazard Statements shown in SECTION 3 describing each ingredient:

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.

Icons for CLP Pictograms shown in SECTION 3 describing each ingredient:

GHS02



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

ObjectId: 46593 91455 152959