

4 FIRST AID MEASURES

Skin

Wash in soap and water, and rinse with water. DO NOT use solvents or thinners.

Eye

Remove contact lenses, keep eyelids open. Flush eyes with plenty of water for at least 15 minutes. Contact a physician.

Inhalation

Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Call a physician.

Ingestion

Do not induce vomiting. Call a physician. Keep at rest.

Medical Conditions Aggravated by Exposure

This product is unlikely to harm health, given normal and proper handling and hygienic precautions. Prolonged inhalation of vapors in high concentrations may lead to headache, giddiness and nausea. In case of contact with the product danger of resorption through the skin, irritation of skin/mucous membranes.

5 FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: alcohol resistant foam, CO₂, powders, water spray.

Not suitable: water jet

Basic Fire Fighting Procedures

Appropriate breathing apparatus may be required. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Unusual Fire & Explosion Hazards

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

Flash Point 25 °C approx.

Flammability Limits in Air, Lower, % by Volume 0.6

Flammability Limits in Air, Upper, % by Volume 10

6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewer systems, inform appropriate authorities in accordance with local regulations.

Spill or Leak Procedure

Remove sources of ignition. Ventilate area. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent. Avoid use of solvents.

7 HANDLING & STORAGE

Handling

Prevent the creation of flammable or explosive concentrations of vapor in air. Avoid vapor concentration higher than the occupational exposure limit. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Comply with the health and safety at work laws. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Preparation may change electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. No sparking tools should be used.

Storage

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Always keep in containers of same material as the original one. Avoid heating and direct sunlight. See also instructions on the label.

Ventilation

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient in maintaining concentrations of particles and solvent vapor below the OEL, suitable respiratory protection must be worn.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Personal Protection Equipments (PPE)

Wear protective glasses.

Skin Protection: Personal Protection Equipments (PPE)

Use protective gloves. After washing hands replace lost skin fat by bat containing skin creams. Personnel should wear anti static clothing made of natural fiber or of high-temperature-resistant synthetic fiber. All parts of the body should be washed after contact.

Respiratory Protection: Personal Protection Equipments (PPE)

If work place limits are exceeded, a gas mask approved for this particular job must be worn.

General

In cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Unconsciousness: lateral position - call a physician.

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Colored paste with odor of organic solvent

Boiling Point	134 - 143 °C
Specific Gravity	> 1
Melting Point	n.a.
Percent Volatile	43
Vapor Pressure	12.5 app.
Evaporation Rate	n.a.
Vapor Density	> 1 (Air =1)
Solubility In Water	no

10 STABILITY & REACTIVITY

Stability/Incompatibility

Stable under recommended storage and handling conditions (see section 7) Materials to Avoid: Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous Reactions/Decomposition Products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Hazardous Polymerization

none.

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation, ingestion, skin and eye contact.

12 ECOLOGICAL INFORMATION

EcoToxicological Information

None available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of according to a recognized method of chemical waste disposal. Dispose in accordance with all applicable Federal, State, Provincial, and local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

14 TRANSPORT INFORMATION

Department of Transportation (DOT) Requirements:

General Transportation Information for Bulk Shipments

Proper Shipping Name	Paint Related Material	UN/NA Code	1263
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15 REGULATORY INFORMATION

NFPA Ratings

Health	Flammability	Reactivity	Special Hazards
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HMIS Ratings

Health 2	Flammability 3	Reactivity 1	Personal Prot. Equip. C
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16 OTHER INFORMATION

Disclaimer

The details in this material safety data sheet satisfy national legislation. However, we have no knowledge or control over the individual user's working conditions. The product may not be used for any purpose other than that specified in the product data sheet unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

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Completed By