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Section 4: FIRST-AID MEASURES

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Inhalation :Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.

Skin Contact :Wash away immediately with soap and water. If irritation persists, get medical attention.

Eye Contact :Flash eyes with a large amount of water until irritation subsides. If irritation persists, get medical attention.

Ingestion :Get prompt medical attention.

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Section 5: FIRE-FIGHTING MEASURES

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Flashpoint and Method:48°C Closed Cup(Methyl Propylene Glycol Acetate)

Flammable Limits: 1.5~7.0% by volume in air(Methyl Propylene Glycol Acetate)

Auto-ignition Temperature: Unknown

General Hazard: Flammable liquid(Methyl Propylene Glycol Acetate) Toxic gases will form upon combustion.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide

Extinguishing Media: carbon dioxide, dry chemical powder, foam

Fire Fighting Instructions: Since Methyl Propylene Glycol Acetate is insoluble in water and lighter than water, use of water in an uncontained area could spread fire. Restrict of unauthorized personnel.

Protective Equipment: Firefighter should wear protective equipment and self-contained breathing apparatus.

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Section 6: ACCIDENTAL RELEASE MEASURES

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Take refuge from leeward. Prepare the extinguishing media. Wear protective equipment. Eliminate source of ignition. Keep public away. Contain spilled liquid with sand or earth. Recover by pumping(use the explosion-proof motor or hand pump), or by using a suitable absorbent.

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Section 7: HANDLING & STORAGE

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Handling :

The operator should be trained in handling this product. Appropriate protective Equipment should be used for this operation. Keep container closed. Use with adequate ventilation. Do not handle near an open flame, sources of heat, or sources of ignition. Avoid contact with eyes and skin. Avoid breathing of vapor.

Storage:

Store separate from strong oxidizing materials and basic compounds such as amines. Keep out of reach of children. Keep eyewash bottle ready. Keep away from open flame, heat, and sparks. Keep container closed. Store in cool ventilated place. Don't store above 40°C or below 5°C.

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Section 8: EXPOSUER CONTROL/PERSONAL PROTECTION

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Engineering Controls:

Control airborne concentrations below the exposure guideline. Use only with adequate ventilation. Local exhaust ventilation may be necessary. Use explosion-proof ventilation equipment.

Respiratory Protection:

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Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive-pressure self-contained breathing apparatus.

**Skin Protection:**

Use chemical resistant gloves.

**Eye Protection:**

Use safety glasses or chemical goggles.

**Exposure Guidelines:**

None established for Methyl Propylene Glycol Acetate, Epoxy resin

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**Section 9: PHYSICAL & CHEMICAL PROPERTIES**

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Appearance : White liquid, Organic solvent smell  
Boiling point : 146°C (Methyl Propylene Glycol Acetate)  
Melting point : Unknown  
Specific gravity : 1.1  
Solubility in water: Insoluble  
Water reactive : Stable

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**Section 10: PHYSICAL HAZARD (STABILITY & REACTIVITY)**

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Stability Reactivity : Stable in normal handling conditions and use.  
Oxidative effect : No oxidative effect with other substances.  
Incompatibility : Basic compounds such as amines  
Hazardous decomposition products: Unknown

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**Section 11: TOXICOLOGICAL INFORMATION**

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**Irritation:**

High concentrations of Methyl Propylene Glycol Acetate vapor may cause narcotic effects.

**Skin:**

Frequent or prolonged contact with Methyl Propylene Glycol Acetate may cause irritation from defeating of skin.

**Eye:**

Methyl Propylene Glycol Acetate vapor may cause irritation.

Acute Toxicity (LD50): 8532mg/kg (Oral/Rabbit); Methyl Propylene Glycol Acetate

Chronic Toxicity: May cause conjunctivitis, dizziness, sleeplessness, and gastrointestinal and optical disturbances.

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**Section 12: ECOLOGICAL INFORMATION**

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Aquatic Toxicity: Unknown

Other Information: None

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**Section 13: DISPOSAL CONSIDERATION**

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Mix with a compatible chemical which is less combustible and incinerate. Any disposal practice must be in compliance with local, state and federal environmental control regulations.

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Section 14: TRANSPORT INFORMATION

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UN Class: 3.3(Adhesives, containing a flammable liquid·flashpoint above 23°C)

UN Number: 1133

Packing Group: III

Follow all regulations in your country.

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Section 15: REGULATORY INFORMATION

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Regulatory information with regard to this substance in your country should be examined.

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Section 16: OTHER INFORMATION

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In this sheets, the value of content, physical and chemical properties are measurement data, not guarantee value.