



MP Tech Co.,Ltd.

MATERIAL SAFETY DATA SHEET

Section 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1. TRADE NAME : MP-640B
2. CHEMICAL FAMILY : MATERIAL DERIVED ALKYLENE OXIDE
3. UTILITY : POLYURETHANE RESIN .
4. COMPANY NAME & Address : MP Tech co.,Ltd
(#337 Suksung-ri Buki-myun Chungwon-kun chungbuk-do Korea)
5. PRODUCED BY : Application & Technology Center
6. REVISION NO : 2

Section 2. HAZARDS IDENTIFICATION



Advice on critical hazards to man and the environment :

No special measures necessary provided product is used correctly

Section 3. COMPOSITION / INFORMATION ON INGREDIENT

materials	-	CAS no	Content (%)
Polypropylene glycol	-	25322-69-4	60
Polyester Polyol	-	-	10
additives	-	-	6

Section 4. FIRST AID MEASURE

1. General advice : Remove contaminated clothing.
 2. If inhaled : keep patient calm,remove to fresh air.
 3. On skin contact : wash thoroughly with soap and water.
 4. On contact with eyes : wash affected eyes for at least 15 minutes under running water with eyelids held open,consult an eye specialist.
 5. On ingestion : immediately rinse mouth and then drink plenty of water,summon physician.
Note to physician: treat according to symptoms(decontamination,vital functions),no known specific antidote.
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Section 5. FIRE FIGHTING MEASURES

1. FLASH POINT(TEST METHOD) : 230°C PMCT (ASTM D93)
 2. SELF-EXTINGUISHING TEMP : N/A
 3. FLAMMABLE LIMITS IN AIR(% BY VOL) : LOWER - N/A, UPPER - N/A
 4. EXTINGUISHING MEDIA : USE FOG, FOAM, CO₂, and DRY Chemical Extinguishing Media.
 5. SPECIAL FIRE-FIGHTING PROCEDURES :
Fire fighting Equipment, Wear Pressure Self Contained Breathing Apparatus, Protective Equipment.
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Section 6. SPILL AND LEAK PROCEDURES

First of all, Keep out of sewers, storm drains, surface waters and soils. Material is more dense than water and has limited water solubility. It will collect on the lowest surface.

1. SPILL AND LEAK :
SMALL SPILL - Soak up with absorbent material and scoop into drum.
LARGE SPILL - Pump into container, Clean up residual with absorbent material.

2. WASTE DISPOSAL :

According to local, state and federal regulations concerning health and pollution.

The disposal method should be considered.

Section 7. HANDLING & STORAGE

1. Special precautions to be taken in handling and storage :

Observe reasonable care and cleanness

2. Spill of these organic liquids on hot fibrous insulation may lead to lowering of the self - extinguishing temp. possibly resulting in spontaneous combustion.

Section 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

1. EXPOSURE GUIDELINE(S) : A1HA WEEL for polyglycol is 10 MG/M3

2. VENTILATION :

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

3. RESPIRATORY PROTECTION :

Atmospheric levels should be maintained below the exposure guideline.

For most conditions, no respiratory protection should be needed, however, if handling at elevated

Temperatures without sufficient ventilation use an approved air-purifying respirator.

4. SKIN PROTECTION :

No precautions other than clean body-covering clothing should be needed.

5. EYE PROTECTION : Use safety glasses.

Section 9. PHYSICAL, CHEMICAL PROPERTIES

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|---------------|------------------------------|
| 1. Appearance | : Transparent viscous liquid |
| 2. Mol weight | : No data |
| 3. OH VALUE | : 400 - 500 |
| 4. Odour | : almost odourless |

- 5. Boiling Point : N/A
 - 6. Melting Point : N/A
 - 7. Vapor density : >1.0 g/cm³
 - 8. Vapor Pressure : N/A
 - 9. Specific Gravity : >1.0
 - 10. Solubility in Water : Slightly soluble
 - 11. PH : 5.5 – 8.0
 - 12. Viscosity(25 °C) : 150 – 300 CPS
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Section 10. STABILITY & REACTIVITY

- 1. Stability : Stable (At Room Temp & Pressure)
 - 2. Conditions to avoid : Oxidizing Material and Strong Acids. Temp over 200°C.
 - 3. Hazardous combustion product
 - Combustion may produce Carbon dioxide, Carbon monoxide and water.
 - Unidentified organic compound may be formed during combustion.
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Section 11. TOXICOLOGICAL INFORMATION

- 1. Acute toxicity: LD50/oral/rat: > 2000 mg/kg
 - 2. Additional information:
 - Prolonged exposure to the product can result in irritation of the skin and mucous membranes.
 - The product was not tested.
 - The statement was derived from products of similar composition.
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Section 12. ECOLOGICAL INFORMATION

- 1. Elimination information: Evaluation: not readily biodegradable
- 2. Behavior and environmental fate:
 - inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentration.

For detail ecological data, please write or call to our company, the address & telephone number in section 1.

Section 13. DISPOSAL CONSIDERATIONS

1. PRODUCT :

Must be disposed of by special means, e.g. suitable incineration, in accordance with local regulation.

2. Contaminated packaging :

contaminated packs should be emptied as far as possible, they can then be passed on for recycling after being thoroughly cleaned.

3. Any disposal practice must be in compliance with federal, state, provincial, and local laws. Check with the appropriate agencies for your locations.

Section 14. TRANSPORT INFORMATION

The transportation of dangerous goods classification for this product is : Not regulated.

Section 15. REGULATORY INFORMATION

NOTICE : The information herein is presented in good faith and believed to be accurate as of the effective date shown above, however, no warranty, express or implied is given. Regulator/requirements are subject to change and may differ from one location to another, With federal, state or provincial, and local laws.

Section 16. OTHER INFORMATION

For other information, Refer to section 1, Please call to our company