

Beijing Oriental Yuhong Waterproof Technology Co.,Ltd

MSDS PMH 3040 / PMH 3041

High Density Polyethylene Self Adhesive Films Waterproof Membrane

1. PRODUCT & COMPANY

Product: High Density Polyethylene Self Adhesive Films Waterproof Membrane

Description of goods: High Density Polyethylene , Self Adhesive , Films

Manufacturer name: Yueyang Oriental Yuhong Waterproof Technology Co., Ltd

Address: Industry Zone, Yunxi District, Yueyang City, Hunan Province, China

Post Code: 414009

Tel: 0730-8418773

Fax: 0730-8418780

2. CHEMICAL INGREDIENTS

| Ingredient | CAS# | Percent (max) |
|------------------|------------|---------------|
| Petroleum resins | 64742-16-1 | 10-20 |
| Polyethylene | 9002-88-4 | 60-80 |

EMERGENCY OVERVIEW

This product is solid at room temperature and self adhesive for application. adhesive

CAS# Unknown, Polyolefin sheet CAS# 9002-88-4 and Polyester film CAS# Unknown.

Read and understand all Health and Safety information on the product Label and Material

Safety Data Sheet before use.

3. DESCRIPTION OF HAZARD

Routes of Exposure:

Inhalation:

There are no known effects due to inhalation of this product.

Skin and Eye:

There are no known health effects due to skin contact. There are no known effects due to eye contact.

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Ingestion:

There are no known health effects due to ingestion. Due to the physical nature of this product, ingestion is unlikely. Wash hands completely before eating.

Carcinogenicity Information: None

4. EMERGENCY & FIRST AID PROCEDURES

SKIN:

In case of skin contact promptly cleanse the area with waterless hand cleaner, thoroughly clean fingernails and follow by washing with soap and water.

EYE:

If eye irritation develops, flush eyes with plenty of water. Consult a physician if eye or skin irritation develops or if swallowed.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Determined **N.F.P.A. Rating:** Not Applicable

Flammability Limits: LEL N/A UEL N/A

Extinguishing Media

Water fog, alcohol foam, dry chemical or Carbon dioxide. Special Fire Fighting Procedures Firefighters should be equipped with Self-contained Breathing Apparatus (SCBA) to prevent inhalation of hazardous decomposition products. (See Section 10.)

Unusual Fire and Explosion Hazards

Water should be applied as a spray from a fogging nozzle. Polyolefin sheet and synthetic adhesives are surface burning materials. Application of high velocity water may spread the burning surface layers.

6. ACCIDENTAL RELEASE MEASURES

Observe all precautions noted above. Remove material for disposal.

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7. HANDLING AND STORAGE

Handling And Storage Precautions:

Minimize contact with skin. Wash hands with soap and water after handling. Avoid rubbing eyes while handling. Silicone Coated PET Film (Release Liner and Release Film) are slippery. Remove from work area immediately after membrane application. FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT EXPOSURE GUIDELINES

Employers should consult local Provincial regulatory limits for exposure guidelines, which may vary locally.

Ventilation:

| | |
|--------------------------------|---------------------------------|
| Local Exhaust: | Not Required For Normal Use |
| Mechanical: | Not Required For Normal Use |
| Special: | Not Applicable |
| Other: | Not Applicable |
| Respiratory Protection: | Not required during normal use. |
| Skin Protection: | Not Required For Normal Use |
| Eye Protection: | Not Required For Normal Use |

Other Protective Clothing or Equipment:

Not Applicable

Work/Hygienic Practices:

Avoid rubbing eyes while handling. Due to the physical nature of this product, ingestion is unlikely. Use good personal hygiene practices. Wash thoroughly after handling.

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9. PHYSICAL & CHEMICAL DATA

| | |
|--|----------------|
| Boiling Point: | Not Applicable |
| Specific Gravity(H₂O=1): | ~1.0 |
| Vapor Pressure (mm Hg.) : | Not Applicable |
| % Volatiles: | None |
| Vapor Density(AIR = 1) : | Not Applicable |
| Evaporation Rate (Butyl Acetate = 1): | Not Applicable |
| Solubility in Water: | Negligible |
| pH : | Not Applicable |
| Bulk Density (#/cu. ft): | ~65 |

Appearance and Odor:

White polyethylene sheet with semitransparent synthetic adhesives
no odor.

Odor Threshold: Unknown

10. STABILITY AND REACTIVITY

Stable under normal conditions (yes or no): YES

Conditions or Materials to avoid (which may react or cause instability):

Polyethylene sheet may burn or react violently with fluorine/oxygen mixtures containing 50-100% fluorine. Polyolefin may be decomposed by strong oxidizing agents such as nitric and sulfuric acids, halogens, and chlorinating agents.

Hazardous Decomposition or Byproducts:

Carbon monoxide, low molecular weight hydrocarbons, Carbon dioxide, Water, Acrolein, Formaldehyde, and other organic vapors.

Hazardous Polymerization: Not Applicable

Conditions to Avoid: Not Applicable

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11. TOXICOLOGICAL INFORMATION

INGREDIENT

TOXICITY DATA: LD50 & LC50

(Chemical Name, CAS#, & Common Name) : (See Section 2 for Exposure Limits):

Petroleum resins, CAS# 64742-16-1 No Data Available

Polyethylene, CAS# 9002-88-4 No Data Available

12. ECOLOGICAL INFORMATION

Environmental Fate: No data available for product.

| | |
|---------------------|--------------------------------|
| Environmental Fate: | No data available for product. |
| Ecotoxicity: | No data available for product. |

13. DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing waste for disposal. According to EPA (40 CFR § 261), waste of this product is not defined as hazardous. Dispose of waste in accordance with all applicable regulations.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING: Nonhazardous

HAZARD CLASS: Nonhazardous

IDENTIFICATION #: Not Applicable

LABEL(s) REQUIRED: Not Applicable

Surface Freight Classification: N.O.I.B.N.

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15. LAW INFORMATION

National law 《Hazard Chemicals Safety Statute》(Enforced from 16th March, 2002) which stipulated the procedures such as production , stock, transportation, discharge of hazard chemicals.

16. OTHER DATA

This MSDS only fit the appointed substance; maybe not fit the condition which mixes with other materials. All the data is on the basis of the knowledge and experience in existence, This MSDS only be used in depicting safety rules of products and not assure the product's character.