

化学品安全技术说明书（MSDS）

高密度聚乙烯自粘胶膜防水卷材

High Density Polyethylene Self Adhesive Waterproof Membrane

1. Product & Company

Product: High Density Polyethylene Self Adhesive 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

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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.

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.

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.

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:

Black polyolefin sheet with black and

white 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):

Polyolefin 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

11. TOXICOLOGICAL INFORMATION

INGREDIENT

(Chemical Name, CAS#, & Common Name) :

Petroleum resins, CAS# 64742-16-1

Polyethylene, CAS# 9002-88-4

TOXICITY DATA: LD50 & LC50

(See Section 2 for Exposure Limits):

No Data Available

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
NAME

HAZARD CLASS: Nonhazardous

IDENTIFICATION #: Not Applicable

LABEL(s) REQUIRED: Not Applicable

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

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.