

北京东方雨虹防水技术股份有限公司

Beijing Oriental Yuhong Waterproof Technology Co., Ltd

化学品安全技术说明书 (Material Safety Data Sheet)

PMH-3040 高密度聚乙烯 (H DPE) 自粘胶膜防水卷材

PMH-3040 High-density Polyethylene (HDPE) Self-adhesive Waterproof Sheet

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1 Identification of the Chemical and Company

Product identifier

This MSDS can be applied to: PMH-3040 High-density Polyethylene (HDPE) Self-adhesive Film Waterproof Sheet Material, PMH special tape, PMH 3080, PMH 3082 ect.

Product Description: White or light yellow sheet or tape

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Used for tunnels and underground public constructions

Uses advised against: Roof waterproofing

Details of the supplier of the Safety Data Sheet

Company name: Beijing Oriental Yuhong Waterproof Technology Co., Ltd

Address: No.4 Building, Kang Jiayuan, Gao Beidian North Road, Chaoyang District, Beijing, China

Post Code: 100123

Tel: 010-59031800

Fax: 010-85785519

Customer service: 400-779-1975

Mail: sales@yuhong.com.cn

2 Hazards Summarizing

The type of harm: No information

Invasion ways: No information

Environmental hazard: No information

Combustion hazard: No explosion hazards and difficult to burn

Physical and chemical hazards: No information

Health hazard

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- 1) Need to wear protective gloves and protective clothing during the production and construction.
 - 2) Self-adhesive container or preheat tank required Capped to prevent splashing and contamination.
 - 3) In the case of correct operation without harm.
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3 Composition/Information on Ingredients

Chemical name	CAS No.	Content (%)
High-density polyethylene	9002-88-4	50-70%
Self-adhesive	6683-19-8	0.1-1%
Anti-stick coating	64742-16-1	5-20%
Petroleum resin	104389-32-4	5-20%
Isolation membrane	8012-95-1	5-15%

4 First-aid Measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with plenty of water and consult a physician if fell uncomfortable.

Eye Contact: Rinse thoroughly with plenty of water and consult a physician if fell uncomfortable.

Inhalation: Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a physician immediately.

Ingestion: Drink enough water and induce vomiting. Call a physician or Poison Control Center immediately.

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Protecting of first-aiders: Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

5 Fire-fighting Measures

Hazardous characteristics: No information

Fire extinguishing media: Water, foam, dry chemical powder, carbon dioxide

Fire extinguishing procedure: As in any fire, wear self-contained breathing apparatus and full protective gear. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used.

Harmful combustion: Combustion of liquid may produce carbon monoxide, carbon dioxide and other hazardous gases.

6 Accidental Release Measures

Emergency personnel protection: Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up: Isolate and restrict to access. Clean leaking area carefully and avoid dust. In case of large amount of spillage, to properly recycle or disposal the spillage. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7 Handling And Storage

Storage Temperature: Not be more than 45 °C

Transport Temperature: Normal temperature

Loading and unloading of temperature: Normal temperature

Storage and transportation pressure: The atmospheric pressure

General mode of transportation: Such as trucks, containers, railway container, shipping containers, bulk storage.

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General considerations: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, open flames, hot surfaces and direct sunlight. Handling should prevent extrusion, tipping or horizontal pressure, keep the packages are intact.

Reserve areas should be equipped with firefighting equipment and emergency treatment device.

8 Exposure Controls/Personal Protections

Eye Protection: Tightly fitting safety goggles.

Body protection: Wear protective material penetration overalls and non-slip safety shoes.

Hand protection: Wear insulated gloves when in the high-temperature operation.

Other protection: Work site no smoking, eating and drinking water. After work, be sure to take a shower and change clothes. Pay attention to personal hygiene.

9 Physical and Chemical Properties

Physical state: Solid

Form/color: White or light yellow

Odor: Odorless

Softening Point: 90°C~110°C

Density: No information

Flash point: No information

Viscosity: No information

Specific gravity: 0.97

Heat of combustion: No information

Solubility: Not dissolve with water.

10 Stability And Reactivity

Chemical stability: Stable under standard conditions

Possibility of hazardous reactions: Dust

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Incompatible materials: Strong oxidants, alkali and edible chemicals

Conditions to avoid: Fire, high temperature

Hazardous decomposition products: CO, CO₂

11 Toxicological Information

Eye effect: No information

Skin effect: No information

Ingestion: No information

Reproductive toxicity: No information

Mutagenicity: No information

Teratogenicity: No information

Carcinogenicity: No information

12 Ecological Information

Ecotoxicological toxicity: Not available

Biodegradation: No information

Non-biodegradable: When exposed to sunlight the surface will photodegrade.

Bioconcentration or bioaccumulation: No information

No harmful solvents and additives in ingredient. No harmful substances release in the production, construction and using, and harmless to water, surroundings and humans.

13 Disposal Considerations

Waste properties: Industrial solid waste

Disposal Information: Recommended incineration disposal

Disposal recommendations: Please be in accordance with appropriate laws and regulations.

The above matters only apply to the provided products. If you have questions, please contact the company or the local authorities.

14 Transport Information

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Packing Label: No information

UN number: No information

UN proper shipping name: No information

Packing group: No information

Packaging Method: No information

IMDG-CODE: In general, according to the rules of transportation, is not included in the dangerous goods.

ICAO/IATA-DG: According to the general chemical transportation, according to the rules of transportation, it's not included in the dangerous goods.

UN-ADR: According to the general cargo transportation, according to the rules of transportation, is not included in the dangerous goods.

Transportation Note: Be safe and complete when loading. No damage during transport. Avoid contact with oxidizing agents, bases, food chemicals. Be away from direct sunlight, rain during transport and high temperature during transportation.

15 Regulatory Information

National law:

“Hazard Chemicals Safety Statute” (Enforced from 1th November, 2011) and "Workplace safe use of chemicals" ([1996] labor department No. 423) which stipulated the procedures such as production, stock, transportation, discharge of hazard chemicals. According to GB/T13690/2009, the material does not belong to the hazardous chemicals.

16 Other information

Information on revision

Creation Date	
Revision Date	
Reason for revision	

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Disclaimer

This Material Safety Data Sheet (MSDS) was prepared according to GB/T16483 and GB/T17519. The data only fit the appointed substance, maybe not be used for the condition which mixed with other materials or being used in. All the data is based on the current knowledge and experience. This data only be used in depicting safety rules of products and not assure the product properties. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.