

**Product Type:** HDPE Waterproof Membrane

Date of enactment: 05/2023

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING**

**Product Name:** Polytech™ self-adhesive Waterproof Membrane (HDPE)  
**Company:** Saint-Gobain Keshun Advanced Material Co., Ltd  
**Address:** 5F,Tower C,URANUS Business Building, No.68 Xingguang Avenue,Yubei District,Chongqing  
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**Zip code:** 401120  
**Emergency Advisory Services Tel:** +86-023-67473284  
**Chemaid website:** www.chemaid.com

**2 HAZARDS IDENTIFICATION**

**Preventive measures:**

P264 Cleaning thoroughly after operation.  
 P270 Do not eat, drink and smoke when use this product.  
 P273 Avoid release to environment.

**Response measures:**

P305+P351+P338 If entry into eyes, flush with water for several minutes. If wear contact lenses, should remove it and continue to flush eyes.  
 P337+P313 If still feel eye irritation, to see a doctor.  
 P332+P313 If skin irritation occurs; see a doctor.  
 P301+P312 If swallowed and if you feel unwell, call a poison center/doctor.  
 P391 Collect spillage.

**Disposal measures:**

P501 (Continued) disposal of contents/containers (Continued).

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Composition	Proportion/%	CAS NO.
butyl rubber	9.5%	9010-85-9
C5petroleum resin	9.3%	68131-77-1
Terpene resin	2.3%	9003-74-1
Polyisobutylene	9%	9003-27-4
Heavy calcium	18%	471-34-1
Antioxidant	0.6%	101-96-2
Light stabilizer	0.25%	70198-29-7
Rutile titanium dioxide	1.3%	1317-80-2
HDPE sheet	47%	900-88-4

Isolation membrane	3%	9002-88-4
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#### 4 FIRST AID MEASURES

**Skin contact :** Wash with a large amount of soap and water, or a suitable skin cleanser

**Eyes contact :** Immediately lift the eyelids,continuous washing the contaminated eyes with warm water or normal saline,avoid clear water to enter the eye that is not affected,if there is persistent discomfort,see a doctor.

**Inhalation :** Remove to the fresh air quickly.Maintain an open airway.

**Ingestion occasion:** Rinse with plenty of water, do not forced vomiting,see a doctor.

#### 5.Fire fighting measures

**Hazard features:** None

**Combustion products:** Carbon monoxide, carbon dioxide, black smoke.

**Extinguishing agent:** Dry powder, carbon dioxide, sand, mist water.

**Fire fighting operation:** Isolate fire area and evacuees, ban irrelevant personnel into the fire place. When fire rescue,must be equipped with special protective equipment,as far as possible to move the products to a safe place and protect people. When extinguishing must be in a safe position or safe distance,put out the fire in the upwind.Try to move containers to a empty space. Water cooling containers to keep the fire until the end of fire.

**Protective equipment:** Firemen must wear protective clothing, gloves and other protective equipment, and respiratory protective equipment.

#### 6.Accidental release measures

**Cleaning measures:** Collection of centralized waste treatment.

**Emergency measures:** Consulting the local environmental protection department

## 7.Handing and storage

**Operation precautions:** None

**Storage precautions:** Stored in a cool ventilated warehouse, far away from fire and heat.

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## 8.Exposure controls/Personal protection

**Personal protective equipment:** Protective gloves

**Respiratory protection:** No special protection

**Eye protection:** No special protection

**Body protection:** Wear general overalls

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## 9.Physical and chemical properties

**Appearance and properties:** Solid

**PH value:** None

**Viscosity :** 5000 MPa/s

**Relative vapor density (air =1):** None

**Flash point (c):** 200 degree Celsius or more

**Ignition temperature (c):** 400 degree Celsius or more

**The explosion upper limit (%V/V):** This product does not belong to explosives

**The explosion lower limit (%V/V):** This product does not belong to explosives

**Solubility:** Not soluble in water, acetone, etc., partially soluble in carbon tetra chloride

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**Main usage:** Suitable for a variety of building waterproof

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## 10. Stability and reactivity

**Chemical stability:** Stability

**Should avoid the situation:** Bad weather, long-term exposure to heat

**Forbidden materials:** None

**Polymerization hazard:** No polymerization

**Hazardous decomposition:** Carbon oxides, sulfides

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## 11. Toxicology information

**Acute toxicity:** Swallowing or causing poisoning

**Irritation:** Frequent or prolonged contact may cause skin irritation

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## 12. Ecological information

**Ecological toxicity:** Might toxic to aquatic organisms fish, daphnia, algae.

**Biological degradation:** No data available.

**Non biological degradation:** No data available.

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## 13. Disposal handling

**Nature of waste:** Industrial solid waste

**Waste disposal method:** According to solid waste disposal method

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**Waste precautions:** Combine with local government regulations and some related requirements

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## 14. Transport information

**UN Number:** None

**Hazard product number:** Not classified as dangerous

**Packaging method:** Roll bags

**Transportation precautions:** Before shipment check whether the package is intact and without damage. Do not collapse, fall and damage during transport. Prohibited mixed transport with acids, oxidants, food and food additives. Transport vehicles should be equipped with the appropriate variety and quantity of fire equipment and emergency equipment leakage during transport. Should avoid sunlight, rain and high temperature.

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## 15. Other information

**Preparation unit:** Saint-Gobain Keshun Advanced Material Co., Ltd

**Information on this sheet is not a product specification indicator:**

It does not guarantee specific properties. It contained Information of general guidance for health and safety herein is based on our product application, storage and use of knowledge. It does not apply to this product's usage of special or non-standard and not according to instructions and recommendations. In fact, the user should be combined with the local state, local laws and regulations.