

Product Type: Self-adhesive TPO Waterproof Membrane **Date of enactment:** 08/2023

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

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

2 HAZARDS IDENTIFICATION

GHS Hazard category

Severe ocular injury / eye irritation	Class 2B
Acute toxicity - oral	Class 4
Skin erosion,stimulation	Class 3
Risk of acute aquatic environment	Class 2

Warning chart: Warning
Hazard statement :
H320 Cause the eyes irritation.
H316 Cause skin slight stimulation.
H302 Swallowing harmful.
H401 Toxic to aquatic organisms.

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	1.2	1317-80-2
TPO sheet	47	N/A
Isolation membrane	3	9002-88-4

4 FIRST AID MEASURES

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

Ingestion: 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 HANDLING AND STORAGE

Operation precautions: None

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

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

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
Main usage:	Suitable for a variety of building waterproof

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

11 TOXICOLOGICAL INFORMATION

Acute toxicity: Swallowing or causing poisoning
Irritation: Frequent or prolonged contact may cause skin irritation

12 ECOLOGICAL INFORMATION

Ecological toxicity: Might toxic to aquatic organisms fish, daphnia, algae.
Biological degradation: No data available.
Non biological degradation: No data available.

13 DISPOSAL CONSIDERATIONS

Nature of waste: Industrial solid waste
Waste disposal method: According to solid waste disposal method
Waste precautions: Combine with local government regulations and some related requirements

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.

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.