

Product Type: Modified Bitumen Waterproof Membrane

Date of enactment: 05/2023

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

Product Name: Bitumor™ ST-SA self-adhesive modified bitumen waterproof membrane with cross laminated PE film

Company: Saint-Gobain Keshun Advanced Material Co., Ltd

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Chemaid website: www.chemaid.com

2 HAZARDS IDENTIFICATION

Precautions :

P264 Wash thoroughly after working

P270 Avoid eat, drink and smoke when use this product

P273 Avoid release to the environment

Emergency measures :

P305+P351+P338 If eyes contacted; washing with plenty water several minutes; if you wear contact lenses which can be easily removed, remove contact lenses, continue washing

P337+P313 If still feel eye irritation, seek a medical advice

P332+P313 If skin irritation occurs; seek a medical advice

P301+P312 If swallowed and you feel unwell, call a poison center / doctor

P391 collect spillage

Response measures:

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	(%)	CAS No.
Bitumen	50	8052-42-4
Rubber oil	10	9003-55-8
talcum powder	20	14807-96-6
Neoprene	5	9010-98-4
SBR	15	9003-55-8

4 FIRST AID MEASURES

- Eyes:** 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, seek a medical advice.
- Skin:** Wash immediately with soap and water or suitable skin cleanser.
- Inhalation:** Remove to the fresh air quickly. Maintain an open airway.
- Ingestion:** Gargle with plenty of water, do not force vomiting. Obtain medical attention.

5 FIRE FIGHTING MEASURES

- Hazard features:** None
- Fire extinguishing agent:** Dry powder, carbon dioxide, sand, mist water.
- Combustion products:** Carbon monoxide, carbon dioxide, black smoke.
- 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, keep away from fire and heat.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment:	Protective gloves
Respiratory:	No special protection
Eye:	No special protection
Body:	Wear general overalls

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
PH value:	None
Relative vapor density (air =1):	None
Flash point (c):	200 degree Celsius or more
Ignition temperature (c):	400 degree Celsius or more
Explosive Properties (%):	Lower explosive limit (LEL): This product does not belong to explosives Upper explosive limit (UEL): This product does not belong to explosives
Solubility:	Not soluble in water, acetone, etc., partially soluble in carbon tetra chloride
Main Purpose:	Building waterproof

10 STABILITY AND REACTIVITY

Stability:	Stable if used as directed
Situations to avoid:	Bad weather, long-term exposure to heat
Materials to avoid:	None
Hazardous Polymerization:	No polymerization
Hazardous decomposition products:	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.
Biodegradable:	No data
Non biodegradable:	No data

13 DISPOSAL CONSIDERATIONS

Waste properties:	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

Dangerous Goods Code:	Not classified as dangerous
UN Number:	None
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 REGULATORY INFORMATION

<<Dangerous Goods Regulation>>	(GB12268-2005)
<<Dangerous Goods Classification and Code">>	(GB6944-2005)
<<Written Regulations for Safety Data Sheet for Dangerous Chemical Products >>	(GB16483-2000)
<< Chemicals Classification and Marking>>	(GB13690-92)
<<Chemical Safety Management Regulations>>	(State Council Order No. 344)

16 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 recommend ations.In fact, the user should be combined with the local state, local laws and regulations.