

Material Safety Data Sheet

SBS Modified Bitumen Membranes

IDENTIFICATION OF PRODUCT:

Identity	: SBS Modified Bitumen, (Styrene-Butadiene-Styrene) Modified Bituminous Waterproofing Membrane
Manufacturer's Name	: ALEX EXTRUSIONS LTD
Emergency Phone	: (033) 6533-5948
Address	: 236B, A.J.C. Bose Road , "Marble Arch", 5 th Floor, Room No.501, Kolkata - 700 020
Trade Name	: Watertite- SBS Torch-On, Watertite- SBS Self Adhesive, Watertite- SBS Self Adhesive - Geo-textile,
Chemical Name	: various
Chemical Family	: various
Chemical Formula	: various

HAZARDOUS COMPONENTS OF MIXTURE:

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by Alex Extrusions Ltd. to qualified medical or industrial hygiene personnel as privileged information upon request in case of need for specific treatment.

Ingredient	TLV
Asphalt (Bitumen)	5 mg/cu.m.
Styrene-Butadiene-Styrene	N/A
Calcium carbonate	N/A
Polypropylene film	N/A
Fiberglass mat	N/A
Sand	10 mg/cu.m. / (% Free Si+2)
Roofing granules	N/A
Polyester fabric	N/A

TYPICAL PHYSICAL DATA:

Appearance	: Black Bituminous
Boiling Point	: >450°F
Specific Gravity	: > 0.9 -1.1 (water = 1)
Vapor Press. (mm Hg):	N/A %
Volatile (by vol):	N/A
Solubility in Water:	0%
Evaporation Rate	: N/A
Vapor Density (air = 1)	: >1

FIRE AND EXPLOSION HAZARD DATA:

Flash Point (C.O.C.) : >520°F
Flammable Limits (% by vol) : N/A
LEL : N/A,
UEL : N/A
Fire Extinguishing Media : water, dry chemical, foam, CO₂

Special Fire Fighting procedures: Water spray may be ineffective. Water spray should be used to cool burning containers or units exposed to fire. Do not enter the fire area without positive pressure, self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: None

Hazardous Prod. of Combustion: CO, CO₂, NO_x, smoke.

HEALTH HAZARD DATA:

Threshold Limit Value : See Hazardous Components

Effects of Over-Exposure:

Eyes : Contact with eyes may result in irritation and burning.
Skin : Prolonged contact with skin may cause irritation and contact dermatitis.
Ingestion : Ingestion may result in gastric disturbances.
Inhalation : Inhalation of high concentrations may lead to local irritation, headaches, nausea, impairment of reaction time and coordination, dizziness.

EMERGENCY FIRST AID PROCEDURES:

Eyes : Flush eyes with fresh flowing water. If irritation persists, seek medical attention.
Skin : Hot bitumen will burn. If burned, treat by degree. Seek medical attention immediately.
Ingestion : Do not induce vomiting. Seek medical attention immediately.
Inhalation : Move to fresh air when high concentrations are inhaled. Administer aid in breathing if necessary. If difficulty in breathing or irritation of respiratory tract occurs, seek medical attention immediately.

REACTIVITY DATA:

Stability : Unstable
Stable – X
Conditions to avoid : Hot asphalt will burn. Avoid contact with skin when product is in molten state. Use only in well ventilated areas, or provide adequate air exchange if used in confined spaces.
Incompatibility : Polar solvents, petroleum distillates. Hazardous Decomposition Products: See Fire and explosion hazard data section.
Hazardous Polymerization : Will not occur.

: ECOLOGICAL INFORMATION:

No data, this product is not biodegradable. No possible bioaccumulation and unlikely bio concentration in the food chain.

: TOXICOLOGICAL INFORMATION:

No information available on this product

: SPILL OR LEAK PROCEDURES:

Steps to be taken if Material is released or spilled: Dispose of in accordance with local, state or federal codes

: HANDLING AND STORAGE PRECAUTIONS:

Precautions to be taken in Handling and Storage: Use good housekeeping practices.

: SPECIAL PROTECTION INFORMATION:

Respiratory Protection : Adequate ventilation is required.
Protective Gloves : Gloves should be used when handling hot bitumen.
Eye Protection : Safety glasses should be worn when handling molten materials. Other Protective Equipment: Long sleeve shirt, long pants, flat soled shoes.

: DISPOSAL CONSIDERATION:

Waste Disposal Method : Dispose of in accordance with local federal Regulations. Do not burn.

: TRANSPORT INFORMATION:**INDIAN DEPT. OF TRANSPORTATION**

This product is not identified as Hazardous Materials for Transportation.
Ref: Transport information card issued for further details.
IATA: Not Regulated

: REGULATORY INFORMATION:

Observe the normal safety regulation while handling the Asphaltic Waterproofing Membrane.

: OTHER INFORMATION:

It is believed that the information given in this data sheets accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Note: The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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