

FORMULA / MIXTURE

Flexobit Underground Waterproofing Technology 5mm thick unreinforced SBS modified bituminous membrane				
	Component/Ingredients	%		
1.	Petroleum Asphalt	75 – 82%		
2.	Styrene Butadiene Styrene	16-22%		
3.	Sand	1-4%		

Exposure Standard For Pure Components, TLV in air averaged over an 8-hour daily exposure (ACGHI 1987-88)

5mg/m³

Petroleum Asphalt (For Fumes or Mist)

Not Established 15mg/m³

Styrene Butadiene Styrene Sand (For Respirable Dust)

Physical Data:

Initial Boiling Point, of

700

Specific Gravity (H²O=1)

1.01-1.06

Vapour Pressure (MMHg)

NA

Percent Volatile (by volume % Vapour Density (AIR=1)

NA

Evaporation Rate (n-Butyl Acetate=1)

NA

Solubility in Water

NA Nil

Appearance and Odour

Petroleum odour increases with temperature. Seem-solid at

application temperatures. May contain Hydrogen Sulphide, a

toxic gas.

Fire and Explosion Hazard Data:

Flash Point - COC, oF

Above 450

Flammable Limits LEL

NDA

UEL

NDA

Extinguishing Media

Foam, Water Fog, Dry Chemical, CO²

Special Fire Fighting Procedures:

Do not enter confined fire space without proper protective equipment including self-contained breathing apparatus. See hazardous decomposition products.

Material safety data sheet



Reactivity Data:

Stability (Thermal, Light)

Stable

Incompatibility (Materials to avoid)

May react with strong oxidisers

Hazardous Decomposition Products:

Thermal decomposition products are highly dependent on the combustion conditions. A complex of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide and other unidentified organic and inorganic compounds may be formed upon combustion.

Hazardous Decomposition Products

Will not occur

Spill or leak procedures:

Steps in case of spill

Recover by placing in suitable container.

Waste disposal method

Observe federal, state and local regulations covering

non-hazardous solid waste disposal.

Emergency, First Aid and Special Protection Information:

Eyes Avoid eye contact, irrigate with plenty of water, see a

physician. Use splash goggles or face shield when eye

contact may occur.

Skin Is splashed on skin, cool water. Do not use solvents or

thinners to remove material from skin. Get

immediate medical attention.

Inhalation Fumes from hot material from skin. Get immediate

medical attention.

Respiratory Protection If conditions create airborne concentrations which

exceed an exposure standard, the use of an approved respirator or air supplied breathing equipment is

recommended.

Ventilation Use adequate ventilation to keep the airborne

concentrations of the material below the exposure

standard.



Health Hazard Data:

Eyes The cool solid material is not expected to cause eye

irritation. Thermal burns may result from contact

with hot material.

Skin The cool solid material is not expected to cause skin

irritation. Thermal burns may result from contact

with hot material.

Ingestion Not expected to be acutely toxic by ingestion. If

swallowed, do not induce vomiting; call a physician.

Effects of overexposure Inhalation of high fume or mist concentrations may

cause dizziness, headache or nausea.

Hazardous according to OSHA (1910.1200) or one or more state Right to Know lists.

Special Precautions:

Precautions to be taken in handling and storing: avoid skin contact with hot product.

Avoid breathing vapours. Do not heat above flash point.

Other precautions: Practice good hygiene, wash thoroughly after working with product and

before eating of smoking. Remove contaminated clothing and launder before re-use.

Transportation:

DOT hazard classification: not regulated by DOT

	HEALTH	FLAMMABILITY	REACTIVITY
HMIS *) rating	1	1	0
NFPA **) rating	1	1	0

NOTICE:

These ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard.



TO DEAL WITH ADEQUATELY WITH THE SAFE HANDLING OF THIS MATERIAL, ALL THE INFORMATION CONTAINED IN THIS M.S.D.S. MUST BE CONSIDERED.

The customer is responsible for determining the proper personal protective equipment needed for its particular use of this material.

- *) Hazardous Materials Identification Systems (HMIS) Revised RWA Materials Rating Manual, National Paint & Coatings Association, fall 1984.
- **) NFPA 704 Standard System for the Identification of the Fire Hazards of Materials, National Fire Protection Association, 1985.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make assure proper use and disposal of these materials and the safety and health of employees and customers.

Information on this form is furnished solely for the purpose of compliance with OSHA Hazard Communication Standard, 20 CFR 1910.1200, the Workplace Hazardous Material Information System (WHMIS), and shall not be used for any other purpose.

Date revised

June 2014





