

WATERPROOF FLASHING MEMBRANE HT

SECTION 1. Company Information

Product Description

SBS Modified Bitumen Waterproofing Membrane

Use

Multipurpose Waterproofing Membrane.

Code of MSDS

IBS 1001E-1.03

Manufacturer

International Building Components, Inc.
21428 Woods Creek Road
Monroe, WA, 98272 USA
Telephone - (360)794.2151
Fax - (360)863.8434
Toll Free - 1.888.610.2151
Web - www.waterblocksystems.com

WHMIS

Not Regulated

Protective Clothing



TDG and DOT

Not Regulated

EMERGENCY OVERVIEW!!!

Under normal use,
this product is not expected to create any health or environmental hazard.

In Case of Emergency

Toll Free:

1.888.610.2151

Poison Control Center:

Consult local telephone directory

SECTION 2. Chemical Product

Scientific Name: Not applicable
Chemical Family: Hydrocarbons
Formula: Not applicable, mixture
Molecular weight: Not applicable
Synonyms: Not applicable

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS #	% Weight	Exposure limit TLV-TWA	LD 50 route, species (RTECS)	LC 50 route, species (RTECS)
Bitumen	8052-42-4	40-70	5 mg/m ³ (ACGIH, 1998) (asphalt fumes)	Not available	Not available
Styrene butadiene copolymer	9003-55-8	7-15	5 mg/m ³ c ² b ³ (breathable part) (OSHA, 1997) 15 mg/m ³ c ² b ³ (total dust) (OSHA, 1997) 3 mg/m ³ c ² b ³ (breathable part) (ACGIH, 1998) 10 mg/m ³ (total dust) (ACGIH, 1998)	Not available	Not available
Highly hydrotreated naphthenic oil	6472-52-5	3-7	Not available	>9000 mg/kg oral rat >2000 mg/kg dermal rat (Rf. 1)	Not available
Siliconised paper	N/D	7-15	Not available	Not available	Not available
Polyethylene film	9002-88-4	7-15	Not available	Not available	Not available

SECTION 4. Hazards Identification

SKIN CONTACT: None.
INHALATION: None.
EYE CONTACT: None.
INGESTION: Not applicable.



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SECTION 5. First Aid Measures

SKIN CONTACT:	Wash gently with warm water and soap if irritation persists.	EYE CONTACT:	Not applicable.
INHALATION:	Not applicable.	INGESTION:	Not applicable.

SECTION 6. Fire-Fighting Measures

Flammability:	Not applicable	Explosion data:	Not applicable
Flash Point:	Not applicable	Auto-Ignition Temperature:	Not applicable
Inflammability limits in air: (% in volume)	Not applicable.	FIRE AND EXPLOSION HAZARDS:	None.

COMBUSTION PRODUCTS:

Burning of this material will produce thick black smoke. Irritating and/or toxic gases including Hydrogen Sulphide and Sulphur Dioxide may be generated by thermal decomposition or combustion.

FIRE FIGHTING INSTRUCTIONS:

Approach fire from upwind. Evacuate the area and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standard CAN/CSA-Z94.4-93 of CSA, standard CFR 1910.134 of OSHA or standard Z88.2 of ANSI.

EXTINGUISHING MEDIA:

Foam, carbon dioxide, sand, dry chemical.

SECTION 7. Accidental Release Measures**RELEASE OR SPILL:**

If hot material is spilled, allow enough time to cool completely and remove to a container for disposal. Wear appropriate breathing apparatus (if applicable) and protective clothing. Notify appropriate environmental agency(ies). Wash spill area with soap and water. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 8. Handling and Storage**STORAGE:**

Store self-adhesive membranes away from the sun.

SECTION 9. Exposure Controls / Personal Protection

HANDS:	Wear resistant gloves.
RESPIRATORY:	Not required.
EYES:	Not required.
FEET:	Not required.
BODY:	Not required.

SECTION 10. Physical and Chemical Properties

PHYSICAL STATE:	Solid	ODOUR AND APPEARANCE:	Black membrane.
ODOUR THRESHOLD:	Not applicable	VAPOUR PRESSURE (20°C):	Not applicable
VAPOUR DENSITY (air = 1):	Not applicable	PERCENT VOLATILE (% by volume):	Not applicable
EVAPORATION RATE: (Butyl acetate = 1)	Not applicable	BOILING POINT (760mm Hg):	Not applicable
FREEZING POINT:	Not applicable	SPECIFIC GRAVITY (H₂O = 1):	Variable
SOLUBILITY IN WATER: (20°C)	Not applicable	COEFFICIENT WATER / OIL DISTRIBUTION:	Not applicable
VISCOSITY:	Not applicable		

SECTION 11. Stability and Reactivity

STABILITY:	This material is stable.	CONDITIONS OF REACTIVITY:	Avoid excessive heat
INCOMPATIBILITY:	Acid and strong basis and organic solvents and greasy substances.	HAZARDOUS DECOMPOSITION PRODUCTS:	None identified.
HAZARDOUS POLYMERISATION:	None		

SECTION 12. Toxicological Information**ACUTE EXPOSURE:** (short term):

Under normal use, this product is not expected to create any health hazard

CHRONIC EXPOSURE:

Under normal use, this product is not expected to create any health hazard. (long term)

CARCINOGENICITY:	None.	TERATOGENICITY:	None.
IRRITANT MATERIAL:	None	LD 50 and LC50 OF MATERIAL:	Not applicable.
MUTAGENICITY:	None known	SENSITISATION:	None known
REPRODUCTIVE EFFECTS:	None known	SYNERGISTIC MATERIALS:	None known.

SECTION 13. Ecological Information

ENVIRONMENTAL EFFECTS:	None.
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SECTION 14. Disposal Considerations

WASTE DISPOSAL:

This product is not hazardous waste. Consult provincial regulations and federal regulations to know disposal methods. This material is not listed by the EPA as hazardous waste.

SECTION 15. Transport Information

This product is not regulated by DOT and TDG.

SECTION 16. Regulatory Information

WHMIS CLASS:

This product is not regulated by WHMIS.

OSHA:

This product is not listed as hazardous material.

ILS:

All constituents of this product are included in the Interior List of Substances List (Canada).

TSCA:

All constituents of this product are listed on the Toxic Substances Control Act Inventory (TSCA 1980 United States).

HMIS (USA):

Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal protection: 1

NFPA (USA):

Fire Hazard: 1
Reactivity: 1
Health: 1
Specific Hazard: 0

SECTION 17. Other Information

Glossary:

ACGIH:	American Conference of Governmental Industrial Hygienists
ANSI:	American National Standards Institute
CAS:	Chemical Abstract Services
CFR:	Code of Federal Regulations
DOT:	Department of Transportation
DSL:	Domestic Substances List
CL50:	(Lethal concentration ₅₀) Concentration of a substance in air that causes death of 50% mortality of a defined animal population
LD50:	(Lethal dose ₅₀) Single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause the death of 50% of a defined animal population.
EPA:	Environmental Protection Agency
HMIS:	Hazardous Material Information System
NIOSH:	National Institute for Occupational Safety and Health
NFPA:	National Fire Protection Association
NTP:	National Toxicology Program
OSHA:	Occupational Safety & Health Administration
RCRA:	Resource Conservation and Recovery Act
SARA:	Superfund Amendments and Reorganization Act
TDG:	Transportation Dangerous Goods
TLV:	Threshold Limit Value
TWA:	Time-weighted average
TSCA:	Toxic Substances Control Act
WHMIS:	Workplace Hazardous Materials Information System

References (1): Material Safety Data Sheet from the supplier

Update justification: New MSDS

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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