

## WATERPROOF FLASHING MEMBRANE FOIL FACE

### 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 <sup>3</sup> (ACGIH, 1998) (asphalt fumes)	Not available	Not available
Styrene butadiene copolymer	9003-55-8	7-15	5 mg/m <sup>3</sup> c2 <sup>3</sup> b3 (breathable part) (OSHA, 1997) 15 mg/m <sup>3</sup> c2 <sup>3</sup> b3 (total dust) (OSHA, 1997) 3 mg/m <sup>3</sup> c2 <sup>3</sup> b3 (breathable part) (ACGIH, 1998) 10 mg/m <sup>3</sup> (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. **EYE CONTACT:** None.  
**INHALATION:** None. **INGESTION:** Not applicable.



**SECTION 5. First Aid Measures**

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

**SECTION 6. Fire-Fighting Measures**

<b>Flammability:</b>	Not applicable	<b>Explosion data:</b>	Not applicable
<b>Flash Point:</b>	Not applicable	<b>Auto-Ignition Temperature:</b>	Not applicable
<b>Inflammability limits in air:</b> (% in volume)	Not applicable.	<b>FIRE AND EXPLOSION HAZARDS:</b>	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**

<b>HANDS:</b>	Wear resistant gloves.
<b>RESPIRATORY:</b>	Not required.
<b>EYES:</b>	Not required.
<b>FEET:</b>	Not required.
<b>BODY:</b>	Not required.

**SECTION 10. Physical and Chemical Properties**

<b>PHYSICAL STATE:</b>	Solid	<b>ODOUR AND APPEARANCE:</b>	Black membrane.
<b>ODOUR THRESHOLD:</b>	Not applicable	<b>VAPOUR PRESSURE (20°C/68°F):</b>	Not applicable
<b>VAPOUR DENSITY (air = 1):</b>	Not applicable	<b>PERCENT VOLATILE (% by volume):</b>	Not applicable
<b>EVAPORATION RATE:</b> (Butyl acetate = 1)	Not applicable	<b>BOILING POINT (760mm Hg):</b>	Not applicable
<b>FREEZING POINT:</b>	Not applicable	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	Variable
<b>SOLUBILITY IN WATER:</b> (20°C/68°F)	Not applicable	<b>COEFFICIENT WATER / OIL DISTRIBUTION:</b>	Not applicable
<b>VISCOSITY:</b>	Not applicable		

**SECTION 11. Stability and Reactivity**

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

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

**SECTION 13. Ecological Information**

**ENVIRONMENTAL EFFECTS:** None.



**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 à'e2€'80"93 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 concentration50) Concentration of a substance in air that causes dead of 50% mortality of a defined animal population
- LD50: (Lethal dose50) Single dose of a substance that, when administrated by a define 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 Reorganisation 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.

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