

Safety Data Sheet

Issue Date: 07-Apr-2016

Revision Date: 27-Sept.-2016

Version 1

1. IDENTIFICATION

Product Identifier

Product Name

Other means of identification SBS Self Adhering Membranes

SDS #

Synonyms MFM-002

Butterfly Tape™, Deck Wrap™, DoubleBond™, EIFS Tape™, FlexClad-250™, FlexClad-400™, FutureFlash®, FutureFlash®201, NX Seal™, Peel & Patch™, Peel & Seal®, Peel & Seal® 250, RidgeSeal™, Roof Deck Tape™, Seal & Coat™, SubSeal™, Ultra HT Wind & Water Seal™, Wind & Water Seal™, WindowWrap®, WindowWrap® Flex, WindowWrap® White, StormStopper™ FSU, Peel & Seal® 250 Power Bond™, WindowWrap® Power Bond™, WindowWrap® Flex Power Bond™.

Recommended use of the chemical and restrictions on use

Recommended Use Self-adhering membrane used for waterproofing barrier/sealing systems.

Details of the supplier of the safety data sheet

Supplier Address

MFM Building Products Corp.
525 Orange St.
P.O. Box 340
Coshocton, OH. 43812

Emergency Telephone Number

Company Phone Number Phone: 740) 622-2645

Fax: (740) 622-6161

Emergency Telephone (24 hr)

Name CHEMTRON CORPORATION

Monday-Friday 7:30 am to 5:00 pm Phone: 440-937-6379

Nights, Weekends and Holidays Phone: 440-937-5950

2. HAZARDS IDENTIFICATION

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, MFM Building Products Corp would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

Appearance Black pliable solid, rubber **Physical State** Solid **Odor** Light Petroleum

Classification

Hazards Not Otherwise Classified (HNOC)

Skin sensitive by some individuals.

Signal Word

Warning

Hazard Statements

Harmful if ingested.

Under extreme and non-normal circumstances such as extensive cutting, grinding and pulverizing, there is some potential exposure to respirable crystalline silica (quartz). Prolonged and frequent exposure to such conditions could in some instances cause silicosis, a fibrosis of the lungs.

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

If exposure concerns exist,
get medical advice/attention

If ingested, call a POISON CENTER or doctor/medical professional

Precautionary Statements - Storage

No special precautions are warranted.

Precautionary Statements - Disposal

See Section 13.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

Butterfly Tape™, Deck Wrap™, DoubleBond™, EIFS Tape™, FlexClad-250™, FlexClad-400™, FutureFlash®, FutureFlash®201, NX Seal™, Peel & Patch™, Peel & Seal®, Peel & Seal® 250, RidgeSeal™, Roof Deck Tape™, Seal & Coat™, SubSeal™, Ultra HT Wind & Water Seal™, Wind & Water Seal™, WindowWrap®, WindowWrap® Flex, WindowWrap® White, StormStopper™ FSU, Peel & Seal® 250 Power Bond™, WindowWrap® Power Bond™, WindowWrap® Flex Power Bond™.

Chemical Name	CAS No	Weight-%
Petroleum Asphalt	8052-42-4	60-70
Calcium Carbonate/Crystalline Silica	14808-60-7	10-25
1,3-butadiene-styrene block polymer	9003-55-8	0-10
Petroleum Distillate	64742-65-0	<5

*Because of product form, exposure to dust or fumes is not expected to occur with normal use.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	If exposed or concerned: Get medical advice/attention.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash with soap and water.
Inhalation	Remove to fresh air.
Ingestion	If ingested: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Most important symptoms and effects

Symptoms	Some individuals find it to be harmful in contact with skin. This may cause a skin irritation or redness. It may aggravate pre-existing skin conditions.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

<u>Suitable Extinguishing Media</u>	Carbon dioxide (CO ₂)
<u>Unsuitable Extinguishing Media</u>	Not determined.
<u>Specific Hazards Arising from the Chemical</u>	Product is not flammable.
<u>Hazardous Combustion Products</u>	Carbon monoxide. Sulfur oxides. Various hydrocarbons.
<u>Protective equipment and precautions for firefighters</u>	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
Environmental Precautions	Avoid release to the environment. See Section 13: DISPOSAL CONSIDERATIONS. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Clean up in accordance with all applicable regulations. Sweep up, pick up and put into an approved waste container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged contact with skin, eyes or clothing. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store in a secure location.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Exposures at these levels are not expected to occur under normal use. These exposure guidelines are provided as a general method for safe workplace monitoring.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Asphalt 8052-42-4	TWA: 0.5 mg/m ³ benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m ³ fume 15 min
Calcium Carbonate/Crystalline Silica 14808-60-7	TWA: 0.025 mg/m ³ respirable fraction	(vacated) TWA: 0.1 mg/m ³ respirable dust : (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust

Other Information *Because of product form, exposure to dust or fumes is not expected to occur in normal use.

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Safety Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Use approved eye protection to avoid eye contact. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Wear normal working gloves of 100% cotton or leather. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Light Petroleum
Appearance	Black pliable solid, rubber		
Color	Black	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not applicable		
Melting Point/Freezing Point	Not determined		
Flash Point	Not determined		
Evaporation Rate	Not applicable		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not applicable		
Vapor Density	Not applicable		
Specific Gravity	Not determined		
Water Solubility	Insoluble in water		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not applicable		
Dynamic Viscosity	Not applicable		
Explosive Properties	Not an explosive		
Oxidizing Properties	Not applicable		
VOC Content	0.0 g/l		

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under normal conditions.
<u>Chemical Stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	None under normal processing.
<u>Hazardous Polymerization</u>	Hazardous polymerization does not occur.
<u>Conditions to Avoid</u>	Temperatures over 400°F may cause resin degradation. Keep out of reach of children. See Sec. 7 Handling & Storage.
<u>Incompatible Materials</u>	None known based on information supplied.
<u>Hazardous Decomposition Products</u>	Carbon monoxide. Various hydrocarbons. Sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	May be harmful in prolonged contact with skin in some individuals.
Inhalation	Not an expected route of exposure.
Ingestion	Harmful if ingested

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Asphalt 8052-42-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Calcium Carbonate/Crystalline Silica 14808-60-7	= 500 mg/kg (Rat)	-	-

*Because of product form, exposure to dust or fumes is not expected to occur in normal use.

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
Numerical measures of toxicity	Not determined

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	The product is not classified as environmentally hazardous.
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Component Information

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations. This product is not regulated as a hazardous waste by the U.S. EPA under the Resource Conservation and Recovery Act (RCRA).

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum Asphalt	Present	X		Present		Present	X	Present	X	X
Calcium Carbonate/Crystalline Silica	Present	X		Present		Present	X	Present	X	X
1,3-butadiene-styrene block polymer	Present	X				Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 0
<u>HMIS</u>	Health Hazards Not determined	Flammability Not determined	Physical Hazards Not determined

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Note: Removed US State Regulations

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet