

## Material Safety Data Sheet

### Section 1 - Product Identification

**Product Name:** MFM Flex Clad 400™  
**Generic Name:** Self Adhering Membranes  
**Manufacturer:** MFM Building Products Corp.  
**Address:** P O Box 340  
Coshocton, OH 43812  
**Trade Names:** MFM Flex Clad 400™

**CAS #:** None/Mixture  
**Formula:** Mixture  
**Telephone:** (740) 622-2645

### Section 2 - Ingredients

Ingredient Name	CAS #	%	Exposure Limits
Asphalt (see note)	8052-42-4	40-60	5 mg/m <sup>3</sup> TWA as fume (ACGIH)
Styrene-butadiene-styrene block copolymer	9003-55-8	10-20	Not Established
Mineral Oil (see note)	64741-96-4	3-8	5 mg/m <sup>3</sup> TWA as mist (ACGIH)
Calcium carbonate (see note)	1317-65-3	5-15	15 mg/m <sup>3</sup> TWA respirable fraction (OSHA)
Note: Due to product form, exposure to dusts and fumes is not expected to occur. Exposure limits are given for reference only.			

### Section 3 - Hazard Identification

#### Emergency Overview

**Appearance and Odor:** Black pliable solid, asphalt odor.

**Under normal conditions of use, this product is not expected to create any unusual emergency hazards.**

**Skin irritation may be treated by washing affected area with soap and warm water.**

**In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.**

#### Potential Health Effects

**Summary:** Inhalation of dust or fumes from this product is unlikely to occur due to the product form and its intended use. Skin contact may result in mild irritation or allergic reaction following multiple exposures.

**Acute (short-term) Health Effects:** Skin contact may result in irritation.

**Chronic (long-term) Health Effects:** Prolonged skin contact may result in skin sensitization (allergy), with possible irritation, redness or rash.

**Target Organs:** Skin.

**Primary Routes of Entry:** Skin contact.

**Medical Conditions Which May Be Aggravated:** Pre-existing skin diseases.

#### Symptoms of Overexposure

**Inhalation:** Not applicable.

**Skin:** Temporary irritation or mild allergic type reactions may occur.

**Absorption:** Not applicable.

**Ingestion:** This product is not intended to be eaten under normal conditions of use. May cause severe irritation to the gastrointestinal tract if ingested.

**Eye:** Not applicable

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#### Section 4 - First Aid Measures

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**Inhalation:** Not applicable.

**Skin:** Wash affected area with soap and warm water. Wash hands before eating, smoking or using the restroom. Do not eat or drink while working with this product. Avoid contact by wearing gloves.

**Absorption:** Not applicable.

**Ingestion:** This product is not intended to be eaten under normal conditions of use. Seek medical attention if ingested.

**Eye:** Not applicable

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#### Section 5 - Fire Fighting Measures

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**Flammable Properties:**

**Flash Point:** Not Determined

**Method:** Not Determined

**Flammable Limits:** Not Determined

**Flammable Classification:** Not Determined

**Flame Propagation:** Not Determined

**Explosive Limits:**

**LEL:** Not Determined

**UEL:** Not Determined

**Autoignition Temp:** Not Determined

**Unusual Fire/Explosion Hazards:**

There is no potential for fire or explosion.

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#### Section 6 - Accidental Spill/Release Measures

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**Containment Procedures:** Pick up small pieces.

**Disposal:** Waste of this product is not defined as hazardous according to U.S. EPA (40 CFR 261.3). Comply with all local and state regulations when disposing of waste from this product.

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### Section 7 - Handling and Storage

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Use protective equipment as described in Section 8 of this MSDS when handling uncontained material. Material should be kept dry and protected from the elements.

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### Section 8 - Exposure Control/Personal Protection

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**Summary:** Protective equipment should be provided as needed to prevent excessive skin contact. Wash hands and other exposed areas before eating, drinking, smoking or using the restroom.

**Eye:** Safety glasses.

**Skin:** Leather or cotton gloves.

**Respiratory:** Not required.

**Ventilation:** Not required.

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### Section 9 - Physical and Chemical Properties

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**Boiling Point:** Not Determined

**Evaporation rate:** Not Applicable

**Melting Point:** Not Determined

**pH:** Not Applicable

**Saturation in Air:** Not Applicable

**Solids Content:** Not Determined

**Specific Gravity:** Not Determined

**Vapor Density:** Not Applicable

**Viscosity:** Not Applicable

**VOC's (g/l):** 0

**Water Solubility:** Insoluble

**Appearance and Odor:** Black pliable solid, rubber and petroleum odor.

Section 10 - Stability and Reactivity

**Product is stable. Hazardous polymerization will not occur.**

**Reactivity:** The product is not reactive.

**Hazardous Decomposition Products:** Carbon monoxide, various hydrocarbons, sulfur oxides.

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### Section 11 - Toxicological and Epidemiological Data

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This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of individual ingredients.. The hazards described in this document have been evaluated on a threshold of 1.0% for hazardous ingredients and 0.1% for all carcinogens.

**Acute Effects:** Skin contact may result in irritation and possible allergic reactions. The LD<sub>50</sub> and LC<sub>50</sub> for this product have not been determined.

**Chronic Effects:** Prolonged skin contact may result in skin sensitization with possible irritation, redness or allergic reaction. Due to product form, exposure to dusts, mists or fumes is not expected to occur.

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**Section 12 - Ecological Information**

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None available at this time.

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**Section 13 - Disposal Considerations**

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This product is not regulated by the U.S. EPA under Resource Conservation and Recovery Act (RCRA) regulations. Dispose of all waste in accordance with federal, state and local regulations.

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**Section 14 - Transport Information**

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**U.S. Department of Transportation Shipping Classification:** Not classified as a hazardous material.

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**Section 15 - Regulatory Information**

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**U.S. Federal Regulations:** This product has not been classified a carcinogen by the Occupational Safety and Health Administration (OSHA), the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC).

All ingredients in this product are TSCA listed.

There are no chemicals in this product regulated by SARA 313, CERCLA or TSCA12(b).

**State Regulations:** None

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**Section 16 - Other Information**

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**MSDS Revision Summary:**

10/28/96	Original Issue
01/10/97	Typo
07/10/97	Typo
03/12/98	New Area Code
10/10/98	Add Tradenames of new products
09/20/99	Update due to ingredient changes
01/06/00	Update Tradenames
02/09/00	Update ingredients
08/03/00	Update ingredients

At the date of preparation of the document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable Federal and state law. However, no warranty or representation with respect to such information is intended or given.