



# MATERIAL SAFETY DATA SHEET

## 1800 Air/Vapor Barrier Membrane

<b>1. Product And Company Identification</b>	
<b>Supplier</b> <b>Mar-flex Building Solutions</b> <b>6866 Chrisman Lane</b> <b>Middletown, OH 45042 USA</b>  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: technicalsupport@mar-flex.com Web Site: www.mar-flex.com	<b>Manufacturer</b> <b>Mar-flex Building Solutions</b> <b>6866 Chrisman Lane</b> <b>Middletown, OH 45042 USA</b>  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: technicalsupport@mar-flex.com Web Site: www.mar-flex.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> <b>Chem-Trec: 1-800-424-9300</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>Chem-Trec: 1-800-424-9300</b>
Issue Date: 04/09/2009  Product Name: 1800 Air/Vapor Barrier Membrane CAS Number: Not Established MSDS Number: 144 Product Code: CSAV-01-5 & CSAV-01-55 <b>Product/Material Uses</b> - 1800 Air/Vapor Barrier is designed to be used in conjunction with all sections of the building envelope to provide a continuous airtight system. <b>Product Identification Text</b> - 5-Gallon Buckets & 55-Gallon Drums	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	AROMATIC HYDROCARBON SOLVENT	64742-95-6	25 - 60
	HYDROCARBON RESIN	152698-66-3	15 - 25
	STYRENE-BUTADIENE POLYMER	9003-55-8	15 - 25

**EMERGENCY OVERVIEW**

**Deliberate or direct ingestion of vapor or spray or mist may be harmful or fatal.**

<b>3. Hazards Identification</b>
<b>Primary Routes(s) Of Entry</b> - Skin, Inhalation & Ingestion <b>Eye Hazards</b> - Causes eye irritation. <b>Skin Hazards</b> - Causes skin irritation, rash. <b>Ingestion Hazards</b> - Chemical pneumonia may result which can be fatal. <b>Inhalation Hazards</b> - Dizziness, headache or nausea. Extreme exposure can cause loss of consciousness, coma and death. <b>Subchronic (Target Organ Effects)</b> - Long term exposure can lead to damage of the kidney, liver and lungs and may cause permanent neurological damage. <b>Chronic/Carcinogenicity Effects</b> - Skin sensitivity may develop. <b>Conditions Aggravated By Exposure</b> - Chronic Respiratory Disease, Skin Sensitivity If symptoms or irritation occur with any exposure, call a physician.

<b>4. First Aid Measures</b>
<b>Eye</b> - Remove the victim from the source of contamination or exposure to nearest eyewash or other source of clean water. <b>Skin</b> - Wash the affected area under tepid running water using a mild soap. If irritation occurs, seek medical attention.

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### 4. First Aid Measures - Continued

**Ingestion** - DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

**Inhalation** - If affected, move person to fresh air. If breathing is difficult, administer oxygen. If not breathing or if no heartbeat, give artificial respiration or CPR. Immediately call a physician.

### 5. Fire Fighting Measures

Flash Point: 107 °F

Lower Explosive Limit: Unknown

Upper Explosive Limit: Unknown

**Fire And Explosion Hazards** - Low Flash Hydrocarbon Solvent

**Extinguishing Media** - Treat as a Hydrocarbon Fire

**Fire Fighting Instructions** - Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Eliminate all ignition sources. Keep public away. Isolate and evacuate area. Shut off source if safe to do so. Ventilate area. Use appropriate safety equipment. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Place in closed non-leaking container. Keep product out of sewers and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers or waterways. Assure conformity will applicable governmental regulations.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

**Handling And Storage Precautions** - Comply with all applicable EPA, OSHA, NFPA and consistent state and local requirements. Use appropriate grounding and bonding practices. Do not expose to heat, open flames, strong oxidizers or other sources of ignition. Do not cut, drill or weld on empty containers since they may contain explosive residue.

**Storage Precautions** - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store drums outside or inside in accordance with applicable government regulations.

**Work/Hygienic Practices** - Avoid skin contact. Exercise good personal hygiene including removal of soiled clothing and prompt washing with soap.

Store drums outside or inside in accordance with applicable government regulations. Avoid flame, sparks and ignition sources.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

**Engineering Controls** - **Ventilation:** Use explosion proof ventilation to control vapor concentrations as required. Air-dry contaminated clothing in a well ventilated area before laundering.

**Eye/Face Protection** - Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. Consult your safety representative.

**Skin Protection** - Wear insulated gloves when handling hot material. To prevent repeated and prolonged skin contact, wear impervious clothing and boots.

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### 8. Exposure Controls/Personal Protection - Continued

**Respiratory Protection** - NIOSH/MSHA VAPOR AND DUST RESPIRATOR IS REQUIRED. Avoid prolonged or repeated breathing of vapors.

**Other/General Protection** - Wash hands before eating or drinking.

### 9. Physical And Chemical Properties

**Appearance** - Gray.

**Odor** - Hydrocarbon odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 187 °F

Specific Gravity: 0.8-0.9

Solubility: Slight in water

### 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

**Conditions To Avoid (Stability)** - Excessive heat, sources of ignition, open flames and contact with strong oxidizing agents.

**Incompatible Materials** - Unknown

**Hazardous Decomposition Products** - CO<sub>2</sub> and unidentified organic compounds may be formed during combustion.

### 11. Toxicological Information

**Subchronic (Target Organ Effects)** - Long term inhalation exposure can lead to liver, kidney and/or lung damage.

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Dispose of wastes in an approved waste disposal facility.

### 14. Transport Information

**Proper Shipping Name** - Petroleum Distillate, N.O.S. Combustible Liquid

**Hazard Class**

III

**DOT Identification Number**

UN1268

**DOT Shipping Label**

Drums, Tars, Liquid not regulated in non bulk package per 49 CFR 173.150F

**Freight Class**

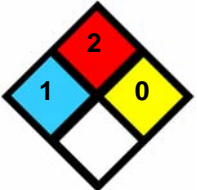
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### 15. Regulatory Information

No Data Available...

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<b>NFPA</b> 	<b>HMIS</b> <table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>H</td></tr></table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	H
HEALTH	1								
FLAMMABILITY	2								
REACTIVITY	0								
PERSONAL PROTECTION	H								

### 16. Other Information

No Data Available...

### Disclaimer

The above information pertains to this product as currently formulated and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product.

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