



# MATERIAL SAFETY DATA SHEET

## Fusion UV WB Waterproofing

1. Product And Company Identification	
<b>Supplier</b> <b>Mar-flex Waterproofing Products</b> <b>6866 Chrisman Lane</b> <b>Middletown, OH 45042 USA</b>  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@mar-flex.com Web Site: www.mar-flex.com	<b>Manufacturer</b> <b>Mar-flex Waterproofing Products</b> <b>6866 Chrisman Lane</b> <b>Middletown, OH 45042 USA</b>  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@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: 01/06/2011  Product Name: Fusion UV WB Waterproofing Chemical Name: Acrylic Emulsion Coating CAS Number: Not Established Chemical Formula: Mixture MSDS Number: 128 Product Code: RWW-01-5, -01-55 <b>Product/Material Uses</b> - Waterproofing membrane for above-grade concrete and masonry surfaces as well as the interior of below-grade foundation walls. <b>Product Identification Text</b> - 5 Gallon Bucket, 55 Gallon Drum	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE	26530-20-1		0 - 2
AMINE/ALCOHOL HYDROCARBON	124-68-5		0 - 2
AMMONIA	1336-21-6		0 - 5
ESTER ALCOHOL	25265-77-4		0 - 2
ETHYLENE GLYCOL	107-21-1		0 - 1
FEIDSPAR	68476-25-5		15 - 25
HYDROXYETHYL CELLULOSE	9004-62-0		0 - 2
PETROLEUM HYDROCARBONS	64741-95-5		0 - 2
POLYMER	TRADE SEC		30 - 80
TITANIUM DIOXIDE	13463-67-7		2 - 50
WATER	7732-18-5		2 - 50
ZINC OXIDE	1314-13-2		2 - 7

**EMERGENCY OVERVIEW**

**Fumes from product can be unpleasant, may cause nausea, headache and may be irritating to eyes, skin and respiratory tract.**

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> - Eye, Skin, Inhalation & Ingestion <b>Eye Hazards</b> - Hot product causes severe burns.

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### 3. Hazards Identification - Continued

**Skin Hazards** - Hot product causes severe burns. Frequent or prolonged contact with cold material may cause irritation.

**Inhalation Hazards** - Deliberate or direct ingestion of vapor or spray or mist may be harmful or fatal. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

### First Aid (Pictograms)



### 4. First Aid Measures

**Eye** - For contact with hot product, flush with large amounts of tepid water for at least 15 minutes. Immediately call a physician.

For contact with vapors or dust, flush with large amounts of tepid water for at least 15 minutes. If symptoms or irritation occur, call a physician.

**Skin** - For contact with hot product, immerse or flush skin with cold water for at least 15 minutes. Call a physician. Do not attempt to remove solidified material since removal may cause further tissue injury. Cold material over a burn should not be removed except by a physician. Remove cold material (not associated with a burn) with waterless hand cleaner and then wash with soap and water. If symptoms or irritation occur, call a physician.

**Ingestion** - DO NOT INDUCE VOMITING. Seek immediate medical attention.

**Inhalation** - Move 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. If symptoms or irritation occur with any exposure, call a physician.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: SEE REMARKS °F

Autoignition Point: NA °F

**Fire And Explosion Hazards** - Material may foam if heated above 212 degrees F.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, or foam.

**Fire Fighting Instructions** - DO NOT DIRECT WATER ON SUBSTANCE. Water may be used to cool containers exposed to heat. In a substance fire, use self-contained breathing apparatus.

Product does not have a Flash Point unless water is removed.

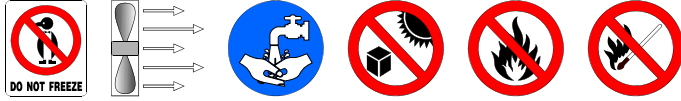
### 6. Accidental Release Measures

Keep public away. Isolate and evacuate area. Shut off source if safe to do so. Use appropriate safety equipment. Ventilate area. Contain liquid with sand or soil. Recover and return product to source. Advise authorities and National Response Center (800) 424-8802 if substance entered a watercourse or sewer. Notify local health and pollution control agencies, if appropriate. enter sewers or waterways. Ventilate area. Absorb with inert materials such as vermiculite or sand and dispose of solid waste.

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### Handling & Storage (Pictograms)



### 7. Handling And Storage

**Handling And Storage Precautions** - Vapors are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent from entering buildings or confined areas, close all air intake sources near the material handling or the work area.

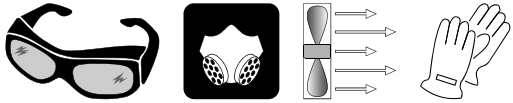
**Handling Precautions** - Avoid prolonged or repeated skin contact. Avoid prolonged or repeated inhalation of vapors and mists.

**Storage Precautions** - KEEP FROM FREEZING. STORE DRUMS INDOORS, OFF THE FLOOR AT AN AMBIENT TEMPERATURE ABOVE 35 DEGREES F. IF PRODUCT FREEZES, IT WILL NOT BE USABLE AS IT WILL NOT GO BACK TO ITS NATURAL STATE.

Store in cool, dry place, out of direct sunlight and away from heat, sparks and flame.

**Work/Hygienic Practices** - Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding any unnecessary exposure and removal of the material from the skin, eyes, and clothing. Wash hands and arms frequently. Shower after exposure. Wash work clothes when soiled. Safety showers and eye wash stations should be available.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

**Engineering Controls** - Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

**Eye/Face Protection** - Safety glasses or face shield is recommended with liquid material.

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

**Respiratory Protection** - **PROPERLY FITTED NIOSH/MSHA VAPOR AND DUST RESPIRATOR IS REQUIRED.**

#### **Ingredient(s) - Exposure Limits**

AMMONIA

OSHA PEL - 50 ppm ; ACGIH TLV - 25 ppm

ETHYLENE GLYCOL

OSHA PEL - 200 ppm ; ACGIH TLV - 5 ppm

FEIDSPAR

ACGIH TLV - 0.8 mg/m(3)

HYDROXYETHYL CELLULOSE

ACGIG TLV - 10 mg/m(3)

PETROLEUM HYDROCARBONS

OSHA PEL - 5 mg/m(3) ; ACHIG TLV - 5 mg/m(3)

TITANIUM DIOXIDE

OSHA PEL - 5 mg/m(3) ; ACGIH TLV - 5 mg/m(3)

ZINC OXIDE

OSHA PEL - 10 mg/m(3) ; ACGIH TLV - 10 mg/m(3)

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### 9. Physical And Chemical Properties

**Appearance** - Gray

**Odor** - Ammonia

Chemical Type: Mixture

Physical State: Liquid

Melting Point: NA °F

Boiling Point: 212 °F

Specific Gravity: (H2O=1) 1.0 - 1.05

Vapor Pressure: 77 (23.7 mm of hg)

Vapor Density: (air = 1) : >1

Solubility: Soluable

Evaporation Rate: (Butyl Acetate = 1) : <1

### 10. Stability And Reactivity

Stability: Product is stable.

Hazardous Polymerization: Will not occur.

**Conditions To Avoid (Stability)** - Do not over heat product. Do not let product freeze. Avoid contact with alkalis, strong oxidizing agents and fluorine.

**Incompatible Materials** - Strong oxidizers such as nitrates, chlorates, peroxides.

Stable at room temperature, in closed containers, under normal storage and handling conditions.

### 11. Toxicological Information

**Eye Effects** - Vapors may cause a slight smarting of the eye or respiratory system if present in high concentrations. The effect is temporary.

**Chronic/Carcinogenicity** - This material is not a known human carcinogen.

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Dispose of in accordance with all applicable local, state and federal regulations.

### 14. Transport Information

**Proper Shipping Name** - Non-Regulated Water Based Emulsion

**DOT Shipping Label**

Drums, Water Based Emulsion (I-15220)

**Freight Class**

55

**Packaging Exceptions**

Bulk, Package Water Based Emulsion Liquid Per 49 CFR 172.101

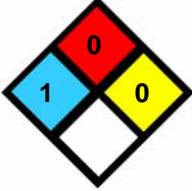
PROTECT FROM FREEZING. PRODUCT WILL FREEZE AT 32 DEGREES F. DO NOT ALLOW TO SIT ON DOCKS. DO NOT SHIP IN AN UNHEATED TRAILER. DO NOT SIT CONTAINERS OF PRODUCT DIRECTLY ON THE FLOOR. PRODUCT DOES NOT FOLLOW A NORMAL FREEZE THAW CYCLE. IF FREEZING OCCURS PRODUCT BECOMES UNUSABLE.

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### 15. Regulatory Information

No Data Available...

<u>NFPA</u>	<u>HMIS</u>								
	<table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>J</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	J
HEALTH	1								
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### 16. Other Information

#### Revision/Preparer Information

This MSDS Supercedes A Previous MSDS Dated: 12/19/2007

#### **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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