

# SAFETY DATA SHEET

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## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

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**Product ID:** DM-48325, 48350  
**Product Name:** ShockWave  
**Revision Date:** Oct 12, 2017 **Date Printed:** Oct 12, 2017  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** Mar-flex Waterproofing & Building Products  
**Address:** 500 Business Parkway Carlisle, OH, US, 45005  
**Emergency Phone:** Chem-Trec: 1-800-424-9300  
**Information Phone Number:** 513-422-7285  
**Fax:** 513-422-7282  
**Product/Recommended Uses:**

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## SECTION 2) HAZARDS IDENTIFICATION

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### Classification

Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200).

### Hazards Not Otherwise Classified (HNOC)

None.

**Acute toxicity of 100% of the mixture is unknown**

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## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

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CAS	Chemical Name	% By Weight
NA	Post industrial cross-link, closed cell Polyethylene-polyolefin foam waste	60% - 100%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

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## SECTION 4) FIRST-AID MEASURES

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### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.  
If unwell, or exposed and concerned : Get medical advice/attention.

### Eye Contact

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open.  
If eye irritation persists: Get medical advice/attention.

### Skin Contact

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention immediately.

### Ingestion

Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

### Most Important Symptoms and Effects, Both Acute and Delayed

No data available.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If ingested, seek immediate medical attention and have product container or label at hand.

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## SECTION 5) FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam.

Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Large Fire : Water spray, fog or alcohol-resistant foam.

### Unsuitable Extinguishing Media

Do not use straight stream of water.

### Specific Hazards in Case of Fire

Hazardous Decomposition Products: Carbon Oxides.

### Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### Special Protective Actions

No data available.

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## SECTION 6) ACCIDENTAL RELEASE MEASURES

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### Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

### Recommended Equipment

If specialized clothing is needed, please refer to Section 8 for suitable and unsuitable materials.

### Personal Precautions

Avoid breathing dust.

Avoid contact with skin, eye or clothing.

### Environmental Precautions

Do not flush to drain. Runoff from fire control or dilution water may cause pollution.

### Methods and Materials for Containment and Cleaning up

Collect by vacuuming and dispose in accordance with local regulations.

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## SECTION 7) HANDLING AND STORAGE

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### General

Wash hands after use. Do not get in eyes, on skin or on clothing. DO NOT breathe dust.

Eating, drinking and smoking in work areas is prohibited. Avoid contact of molten material with skin.

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

### Storage Room Requirements

Store in cool, dry, well-ventilated areas away from heat, direct sunlight, and any incompatibilities. Protect from freezing. Keep container(s) tightly closed and properly labeled. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Protect against fire, material is combustible.

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## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Eye protection

Wear dust-proof goggles.

### Skin Protection

Avoid contact of molten material with skin.

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

None of the chemicals in Section 3 are regulated under "OSHA\_Tables\_Z1\_Z2\_Z3", "OSHACarcinogen - OSHA Carcinogen", "OSHAtpm", "OSHAatmg", "OSHAspm", "OSHAasmg", "ACGIHtpm", "ACGIHtmg", "ACGIHspm", "ACGIHsmg", "nioshtppm", "nioshtmg", "nioshsppm", "nioshsmg", "ACGIH\_carcinogen", "NIOSH\_carcinogen", "ACGIH\_TLV\_Basis", "ACGIH\_Notations", "OSHA\_SkinDesignation"

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## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

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### Physical and Chemical Properties

Density	4 - 7 lb/cu.ft
Density VOC	N/A
% VOC	N/A
Specific Gravity	0.11
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Appearance	N/A
Odor Threshold	N/A
Odor Description	None
pH	N/A
Water Solubility	N/A
Flammability	Flash Point at or above 200 °F
Flash Point Symbol	N/A
Flash Point	420 to 440 °C
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	110 - 150 °C
Low Boiling Point	N/A

High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

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## SECTION 10) STABILITY AND REACTIVITY

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### Stability

Stable.

### Conditions to Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

### Hazardous Reactions/Polymerization

Will not occur.

### Incompatible Materials

No data available.

### Hazardous Decomposition Products

No data available.

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## SECTION 11) TOXICOLOGICAL INFORMATION

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### Likely Route of Exposure

Skin Contact, Eye Contact, Ingestion, Inhalation

### Skin Corrosion/Irritation

No data available

### Serious Eye Damage/Irritation

No data available

### Respiratory/Skin Sensitization

No data available

### Germ Cell Mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive Toxicity

No data available

### Specific Target Organ Toxicity - Single Exposure

No data available

### Specific Target Organ Toxicity - Repeated Exposure

No data available

### Aspiration Hazard

No data available

### Acute Toxicity

No data available

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## SECTION 12) ECOLOGICAL INFORMATION

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### Toxicity

No data available

### Persistence and Degradability

No data available.

### Bio-accumulative Potential

No data available.

### Mobility in Soil

No data available.

### Other Adverse Effects

No data available.

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## SECTION 13) DISPOSAL CONSIDERATIONS

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### Waste Disposal

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws.

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## SECTION 14) TRANSPORT INFORMATION

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### U.S. DOT Information

UN/NA #: Not regulated  
Proper Shipping Name: Not applicable  
Hazard Class: Not applicable  
Packing Group: Not applicable

### IMDG Information

UN/NA #: Not regulated  
Proper Shipping Name: Not applicable  
Hazard Class: Not applicable  
Packing Group: Not applicable  
Marine Pollutant: No data available

### IATA Information

UN/NA #: Not regulated  
Proper Shipping Name: Not applicable  
Hazard Class: Not applicable  
Packing Group: Not applicable

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## SECTION 15) REGULATORY INFORMATION

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None of the chemicals in Section 3 are regulated under "CA\_Prop65 - California Proposition 65", "CA\_Prop65\_Type\_Toxicity\_Cancer - CA\_Proposition65\_Type\_Toxicity\_Cancer", "CA\_Prop65\_Type\_Toxicity\_Develop - CA\_Proposition65\_Type\_Toxicity\_Developmental", "CA\_Prop65\_Type\_Toxicity\_Female - CA\_Proposition65\_Type\_Toxicity\_Female", "CA\_Prop65\_Type\_Toxicity\_Male - CA\_Proposition65\_Type\_Toxicity\_Male", "CERCLA", "DSL", "IARC Carcinogen", "NDSL", "NTP\_Carcinogen - National Toxicology Program Carcinogens", "REACH\_SVHC - REACH\_Substances of Very High Concern", "REACH\_SVHC\_Carcinogenic - REACH\_Substances of Very High Concern\_Carcinogenic", "REACH\_SVHC\_CM - REACH\_Substances of Very High Concern\_Carcinogenic, Mutagenic and/or toxic for Reproduction", "REACH\_SVHC\_Mutagenic - REACH\_Substances of Very High Concern\_Mutagenic", "REACH\_SVHC\_PBT - REACH\_Substances of Very High Concern\_PBT", "REACH\_SVHC\_ToxicForReproduction - REACH\_Substances of Very High Concern\_Toxic for Reproduction", "REACH\_SVHC\_vPvB - REACH\_Substances of Very High Concern\_Very Persistent and Very

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## SECTION 16) OTHER INFORMATION

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### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- ESE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

### HMIS

Health	/ 0
FLAMMABILITY	1
Physical Hazard	0
Personal Protection	

(\* ) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

### Version 1.0:

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