



Safety Data Sheet

Issue Date: 10-Oct-2010

Revision Date: 30-Jul-2016

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Grout Shield

Other means of identification

SDS # MSC-013

Product Code OMB No. 1218-0072

Recommended use of the chemical and restrictions on use

Recommended Use Stain Resistant Grout Additive.

Details of the supplier of the safety data sheet

Supplier Address

Miracle Sealants Company
12318 Lower Azusa Road
Arcadia, CA 91006

Emergency Telephone Number

Company Phone Number 1-626-443-6433 (Phone)
1-626-443-1435 (Fax)

24 Hour Emergency Phone Number 1-800-350-1901

Emergency Telephone (24 hr)

For product spills, leaks or exposures call:
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Milky white liquid

Physical state Liquid

Odor Mild

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. FIRST AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with clean, free-flowing water for 15 minutes. Consult a physician if irritation persists.
Skin Contact	Remove wet clothing and launder before re-use. Wash thoroughly with soap and water affected area.
Inhalation	Remove person to fresh air. If not breathing, administer artificial respiration including oxygen. Provide medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth with clean water. Get medical attention.

Most important symptoms and effects

Symptoms	<p>EYES: Mild eye irritant. Direct contact with the solution may cause slight iridal and conjunctival irritation. No permanent damage is anticipated.</p> <p>SKIN: Can be mildly irritating upon prolonged exposure (liquid stage only).</p> <p>INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.</p> <p>INHALATION: Gross over-inhalation may cause symptoms such as, but not limited to, coughing. May aggravate pre-existing lung disorders.</p>
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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

Suitable Extinguishing Media

Water, CO2, Dry Chemical, Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

Hazardous Combustion Products Carbon oxides.

Protective equipment and precautions for firefighters

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.
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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	Collect any spills with absorbent material such as vermiculite, place collected material in a polyethylene lined metal container and seal. Clean up residue with water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Keep out of the reach of children. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use only with adequate ventilation. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32°F or heat above 110°F.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s).

Appropriate engineering controls

Engineering Controls Local exhaust: Recommended
 Mechanical exhaust: General ventilation system should be provided. Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection Neoprene rubber is recommended. Apron, coveralls, boots as necessary to prevent skin contact.

Respiratory Protection Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

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	Liquid	Odor	Mild
Appearance	Milky white liquid	Odor Threshold	Not determined
Color	Milky white		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not determined		
Melting Point/Freezing Point	0 °C / 32 °F		
Boiling Point/Boiling Range	> 212 °F / >100 °C		
Flash Point	None (water based solution)	TOC	
Evaporation Rate	1	(Ether = 1)	
Flammability (Solid, Gas)	Not determined		
Flammability Limits in Air			
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	< 1	@ 68°F (20 °C)	

Vapor Density	> 1	(Air=1)
Relative Density	1.05	(1=Water)
Water Solubility	Miscible in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known.

Hazardous Decomposition Products

Thermal decomposition can produce CO₂, CO, ammonia, oxides of nitrogen and possible traces of HF.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Direct contact with eyes may cause temporary irritation.
Skin Contact	May cause temporary irritation on skin contact.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Proprietary inorganic compound	> 90 mL/kg (Rat)	-	-
Proprietary salt	= 2650 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Proprietary salt		1000: 96 h Brachydanio rerio mg/L LC50 static	

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary inorganic compound	X	X	X		X	Present	X	X
Proprietary salt	X	X	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

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

SARA 313

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	None
<u>HMIS</u>	Health Hazards	Flammability	Physical hazards	Personal Protection
	1	0	0	Not determined

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Revision Note: New format

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