# Material Safety Data Sheet

**Miracle Grout Shield - New/Improved**

**Stain Resistant Grout Additive**

**www.miraclegroutshield.com**

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## OSHA's Hazard Communication Standard

<table>
<thead>
<tr>
<th>U.S. Department Of Labor</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 CFR 1910.1200</td>
</tr>
<tr>
<td>Identity No:</td>
</tr>
</tbody>
</table>

### Section 1

**Manufacturers Name:** Miracle Sealants Company

**Address:** 12318 Lower Azusa Road Emergency

**Phone:** 860-350-1901

**City:** Arcadia

**State:** CA

**Phone:** 626-443-6433

**Date Prepared:** 10.10.2010

## 2. Composition/Information On Ingredients

**Chemical Name:** AC1G/1WA ACG/1STEL OSHA/1WA OSHA/STEL

**Weight %**

### 3. Hazard Identification

**Primary Routes of Entry:**
- Dermal: Injury
- Ingestion: Injury
- Inhalation: Injury

**Potential Health Hazards (Acute and Chronic):**
- Eyes: Mildly irritant
- Inhalation: Irritation

**Unusual Fire and Explosion Hazards:**
- Non-flammable

### 4. First Aid Measures

**Eyes:** Flush immediately with clean, free flowing water for 15 minutes. Consult a physician if irritation persists.

**Skin:** Remove wet clothing and launder before re-use. Wash thoroughly with soap and water affected area.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove person to fresh air. If not breathing, administer artificial respiration including oxygen. Provide medical attention.

### 5. Fire Fighting Measures

**Flammable Properties:**
- Flash point: None (water based solution)
- Method Used: TOC

**Non-flammable Limits:**
- LEL: ND
-UEL: ND

**Extinguishing Media:** Water, CO₂, Dry Chemical, Foam.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus when fighting fires involving chemicals.

**UN Class:** N/A

**Compatibility:** None known.

### 6. Accidental Release Measures

- 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.
- Dispose of in accordance with Federal, State and Local Regulations.

### 7. Handling And Storage

- Avoid contact with eyes. Avoid prolonged and repeated skin contact. Avoid breathing vapors. Use with adequate ventilation. Avoid eye contact. Always wash hands thoroughly before eating, drinking, smoking or using the bathroom.
- Store in a cool dark place.
- See other precautions listed elsewhere within this MSDS.

### 8. Exposure Controls/Personal Protection

#### Respiratory Protection:
- Not required if ventilation is adequate to keep below TLV (if any are listed here).

#### Local Exhaust:
- Recommended to keep air contaminant concentration below the OSHA's PEL and ACGIH's TLV (if any are listed here).

#### Mechanical Exhaust:
- General ventilation system should be provided.

#### Protective Gloves:
- Neoprene rubber gloves.

#### Eye Protection:
- Safety goggles.

#### Other Protective Equipment:
- Eye wash equipment. Apron, coveralls, boots as necessary to prevent skin contact. Safety shower.

#### Work/Hygienic Practices:
- Wash hands thoroughly before handling foodstuffs, liquids or tobacco products.

#### Other Health Hazards:
- If TLV of any component of the product is exceeded, a NIOSH/MSHA jointly approved respirator must be supplied to personnel and used in accordance with OSHA Regulations. Respiratory protection programs must be in accordance with 29CFR 1910.134

### 9. Physical And Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>(deg F)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>(at 1 atm)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>(specific gravity)</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>(vol/vol)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>(viscosity)</td>
</tr>
<tr>
<td>Volatile by Volume</td>
<td>(vol/vol)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>(water and solids)</td>
</tr>
</tbody>
</table>

### 10. Stability And Reactivity

- Stability (Conditions to Avoid): None known.
- Incompatibility (Materials to Avoid): None known.
- HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition can produce CO₂, CO ammonia, oxides of nitrogen and possible traces of HF.
- HAZARDOUS POLYMORPHISM: Will not occur.

### 11. Toxicological Information

- This product is considered practically non-toxic orally. Inhalation hazard is considered low.
- Please consult Material Safety Data Sheet (MSDS) for more information. This product does not contain Perfluorooctanyl Sulfonate (PFOS) or Perfluorooctanoic Acid (PFOA).

### 12. Ecological Information

No information available.

### 13. Disposal Considerations

- Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

<table>
<thead>
<tr>
<th>Manner of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>※ Disposal of waste classification: This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity and is not listed in 40CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characterizing Leaching Procedure (TCLP). If discarding this material coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill in a permitted facility in accordance with local, state and federal regulations.</td>
</tr>
<tr>
<td>※ Transport Information</td>
</tr>
<tr>
<td>PROPER SHIPMENT NAME: NON-HAZARDOUS LIQUID, N.O.I.</td>
</tr>
<tr>
<td>UN NUMBER: NA</td>
</tr>
<tr>
<td>Packaging Group: N/A</td>
</tr>
<tr>
<td>ID/CG: N/A</td>
</tr>
<tr>
<td>ID/DMG CLASS: N/A</td>
</tr>
</tbody>
</table>

### 14. Transport Information

- This MSDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200

### 15. Regulatory Information

- U.S. Toxic Substances Control Act: All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations. FS-7142 has no ingredients subject to reporting requirements of SARA 313 and 40 CFR 372.

### 16. Other Information

- WARNING: The following trace ingredients present in the product are known to the state of California to cause Cancer. This product does not contain Perfluorooctanyl Sulfonate (PFOS) or Perfluorooctanoic Acid (PFOA).

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