



# Safety Data Sheet

Issue Date: 01-Feb-2012

Revision Date: 12-Aug-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name TILE RESTORE

### Other means of identification

SDS # MSC-035

### Recommended use of the chemical and restrictions on use

Recommended Use To hone and deep clean very old and/or worn mosaic tile, porcelain tile, ceramic tile, and quarry tile. For professional use only.

### 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 For technical support call: 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 White powder

Physical state Solid Powder

Odor None

### Classification

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Proprietary pigment	Proprietary	Proprietary
Proprietary acid	Proprietary	Proprietary

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 4. FIRST AID MEASURES

##### First Aid Measures

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	Remove victim to fresh air. If irritation persists, seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. If conscious, give 1 glass of water to dilute. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.

##### Most important symptoms and effects

<b>Symptoms</b>	May cause mild irritation. May include redness, drying and cracking of skin. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically. Exposure may aggravate existing burns, lacerations.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

##### Specific Hazards Arising from the Chemical

Not determined.

**Hazardous Combustion Products** No information available.

##### 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.

##### Environmental precautions

**Environmental precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

##### 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** Vacuuming or wet sweeping may be used to avoid dust dispersal. Put collected waste material in plastic containers for disposal. Rinse area thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. For industrial or professional use only. Use only in well-ventilated areas. Follow all product label instructions. Use only as directed.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep/store only in original container. Store containers upright. Keep from freezing. Store at or near 77°F.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary pigment	TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	-
Proprietary acid	-	15 mg / m3 (Total)	-

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Use adequate ventilation. Local exhaust preferable. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Chemical anti-splash safety goggles.

**Skin and Body Protection** Protective gloves: Plastic or rubber, chemical resistant  
Protective clothing or equipment: Chemical resistant clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Work hygienic practices: Wash hands thoroughly before handling foodstuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid Powder	<b>Odor</b>	None
<b>Appearance</b>	White powder	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	(wet) 4	
<b>Melting Point/Freezing Point</b>	Not available	
<b>Boiling Point/Boiling Range</b>	200 °C / 392 °F	
<b>Flash Point</b>	Not available	
<b>Evaporation Rate</b>	Not available	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not available	
<b>Lower Flammability Limit</b>	Not available	
<b>Vapor Pressure</b>	Not available	
<b>Vapor Density</b>	Not determined	
<b>Relative Density</b>	2.7 gr/ml	
<b>Water Solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

### Other Information

**VOC Content (%)**                      0% by weight

## 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 based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	May be harmful if swallowed.

### Component Information

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Proprietary pigment	> 5000 mg/kg ( Rat )	-	-
Proprietary acid	= 3 g/kg ( Rat ) = 3000 mg/kg ( Rat )	-	-

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Proprietary acid		1516: 96 h Lepomis macrochirus mg/L LC50 static	120: 72 h Daphnia magna mg/L EC50

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Chemical Name	Partition Coefficient
Proprietary acid	-1.72

### Other Adverse Effects

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary pigment	X	X	X	Present	X	Present	X	X
Proprietary acid	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 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Proprietary pigment -		Proprietary	1.0

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary pigment	X	X	X

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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None

**HMIS****Health Hazards****Flammability****Physical hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

**Issue Date:**

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07-Jan-2014

**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**