

# High-Gloss Finish Sealer

## High Gloss Finish For

- Saltillo                      ■ Terra Cotta                      ■ Porous Unglazed Tile
- Other Concrete, Stone & Masonry Surfaces

## Special Features

- Interior Use Only    ■ Floors only                      ■ No Odor
- Scuff Resistant    ■ Stain Resistant

## PRODUCT DESCRIPTION

**KEEP OUT OF REACH OF CHILDREN.** High-Gloss Finish Sealer is a specially formulated water base coating designed to enhance the beauty and natural color of saltillo and terra cotta surfaces. High-Gloss Finish Sealer enhances the look with a beautiful, high gloss finish.

The unique formula allows High-Gloss Finish Sealer to work with hard to coat surfaces. High-Gloss Finish Sealer exceeds minimum requirements for slip resistance. High-Gloss Finish Sealer is easy to use, non-hazardous, V.O.C. compliant, extremely durable, and is easy to clean up with water. High-Gloss Finish Sealer can be spray buffed or high speed burnished to repair and rejuvenate.

## Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

## Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

## Surface Preparation

For best results the surface should be clean, dry and free from frost and dust. Apply the appropriate **Miracle Penetrating Sealer/Impregnator** as directed for each substrate. Allow the substrate to cure completely prior to applying High-Gloss Finish Sealer. This procedure assures maximum adherence and performance.

## APPLICATION INSTRUCTIONS

**Read entire label and PDS/MSDS before using. This product is to be used directly from container and is not under any circumstances to be thinned or diluted with anything before use.**

High-Gloss Finish Sealer can be applied with a **Mira Brush**, pump sprayer, natural fiber brush or clean mop. Installation should be clean and completely dry before using. When using a sprayer, apply as evenly as possible. Follow the sprayer with a brush or applicator to even out High-Gloss Finish Sealer before it dries on the surface. Do not apply High-Gloss Finish Sealer to a hot surface (80° F+). Best range (50° F - 80° F)

Multiple applications may be necessary to achieve desired results. Proceed with subsequent applications after each has dried (Approximately 1 - 2 hours). Be sure to even out the High-Gloss Finish Sealer on the surface, blending in overlap marks and eliminating all bubbles. Do not allow High-Gloss Finish Sealer to puddle on the surface.

## Cure Time

High-Gloss Finish Sealer will be dry to the touch in 1 - 5 hours and may be used for normal foot traffic. For optimum results the area should be kept dry and free from staining materials for 72 hours.

## MAINTENANCE

Regular maintenance will consist of using **Tile & Stone Cleaner** on a daily, weekly or monthly basis as directed. Spray buffing or high speed burnishing will repair and rejuvenate scuff marks and scratches that begin to develop in the finish. How often this procedure is necessary will vary with the type of surface and the amount of foot traffic. For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide**. Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

## Special Notes

To strip or remove High-Gloss Finish Sealer use **Finish Sealer Stripper** as directed. Allow new installations to cure per the manufacturer's specification before using High-Gloss Finish Sealer. High-Gloss Finish Sealer is a topical coating, that will inhibit vapor transmission and will scratch, scuff and mark under normal conditions.

## Coverage

Coverage will vary depending on the density, porosity, textures, surface absorption, weather, time solution left on surface and application methods. Used as directed, High-Gloss Finish Sealer coverage will vary from 500 - 1,500 square feet per gallon.

## Storage

Store High-Gloss Finish Sealer in the original container upright and properly sealed. Stored at 77° F (25° C), High-Gloss Finish Sealer will have a shelf life of 12 months.

Do not allow to freeze.

## Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

## Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.  
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435  
website: [www.miraclesealants.com](http://www.miraclesealants.com)

## Product Damaged During Transportation

If product is damaged during transportation contact  
Info Trac @ 1-800-535-5053

## Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

## Caution

Use in a well ventilated area. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. **Refer to the MSDS for additional information.**

## Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.



# Safety Data Sheet

Issue Date: 01-Feb-2012

Revision Date: 06-Nov-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** High-Gloss Finish Sealer

### Other means of identification

**SDS #** MSC-023

**Product Code** OMB No. 1218-0072

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

**Recommended Use** High-Gloss Finish Sealer for Saltillo, Terra Cotta, Porous Unglazed Tile, other Concrete, Stone & Masonry Surfaces.

### 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** Opaque white

**Physical State** Liquid

**Odor** Polymer

### 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**

Chemical Name	CAS No	Weight-%
Acrylic Polymer	PROPRIETARY	Proprietary
Polyethylene wax	9002-88-4	Proprietary
Di(ethylene glycol) ethyl ether	111-90-0	Proprietary
tributoxyethyl phosphate	78-51-3	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>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush immediately with clean, free-flowing water for 15 minutes. Consult a physician if irritation persists.
<b>Skin Contact</b>	Wash off with soap and water. If irritation persists, call physician.
<b>Inhalation</b>	Remove to fresh air; If victim is unconscious, seek immediate medical attention. Call a poison center or doctor/physician if you feel unwell.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or poison control center immediately.

**Most important symptoms and effects**

<b>Symptoms</b>	Eyes: Burning sensation. Skin: Not expected to be a problem. Ingestion: Nausea. Inhalation: Not expected to be a problem.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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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**

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.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Contain and soak up with inert absorbent material.

**Methods for Clean-Up** Scoop up and place in a proper waste disposal method: Dispose of in accordance with federal, state and local regulations. 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.

### 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** Strong oxidizers, Cationic materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

### Appropriate engineering controls

**Engineering Controls** Mechanical ventilation or local exhaust ventilation if available.

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

**Eye/Face Protection** Tight fitting, splash proof safety goggles.

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

**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** 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

Physical State	Liquid	Odor	Polymer
Appearance	Opaque white	Odor Threshold	Not determined
Color	Opaque white		

<u>Property</u>	<u>Values</u>	<u>Remarks</u> • <u>Method</u>
pH	8.0-9.5	
Melting Point/Freezing Point	Not tested	
Boiling Point/Boiling Range	> 212 °F / >100 °C	
Flash Point	Not available	
Evaporation Rate	Not tested	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	None	
Lower Flammability Limit	None	
Vapor Pressure	Not tested	
Vapor Density	Not tested	
Specific Gravity	1.04	(1=Water)
Water Solubility	Completely soluble	
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	
VOC Content	52 g/L	

## 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

Strong oxidizers, Cationic materials.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Skin Contact</b>	Not expected to be a skin irritant during prescribed use.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Ingestion</b>	Will cause nausea.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Di(ethylene glycol) ethyl ether 111-90-0	= 1920 mg/kg ( Rat )	= 4200 µL/kg ( Rabbit ) = 6 mL/kg ( Rat )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h
tributoxyethyl phosphate 78-51-3	= 3000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 6.4 mg/L ( Rat ) 4 h

### 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>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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Chemical Name	ACGIH	IARC	NTP	OSHA
Polyethylene wax 9002-88-4		Group 3		

### Numerical measures of toxicity

Not determined

## 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	Toxicity to microorganisms	Crustacea
Di(ethylene glycol) ethyl ether 111-90-0		11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through		3940 - 4670: 48 h Daphnia magna mg/L EC50

tributoxyethyl phosphate 78-51-3		10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through		
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**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Di(ethylene glycol) ethyl ether 111-90-0	-0.8
tributoxyethyl phosphate 78-51-3	4.78

**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**

Please refer to the Bill of Lading receiving/documents for up-to-date information

**IATA**

Please refer to the Bill of Lading receiving/documents for up-to-date information

**IMDG**

Please refer to the Bill of Lading receiving/documents for up-to-date information

### 15. REGULATORY INFORMATION

**International Inventories****TSCA**

Listed

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - 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*

**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**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Di(ethylene glycol) ethyl ether - 111-90-0	111-90-0	Proprietary	1.0

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Di(ethylene glycol) ethyl ether 111-90-0	X		X

**16. OTHER INFORMATION****NEPA****Health Hazards**

0

**Flammability**

0

**Instability**

0

**Special Hazards**

None

**HMIS****Health Hazards**

0

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

Not determined

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**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**