

511 Spray-On Grout Sealer

Natural Look Penetrating Sealer

Water & Stain Protection for

- New Grout ■ Natural Stone ■ Old Grout

Will not Harm Ceramic Tile, Porcelain Tile, Glazed Tile, Quarry Tile, Glass or Plastic Tile, Marble, Granite, Limestone, Travertine, Slate, other Natural Stone

Uses

- Interior & Exterior ■ Kitchen ■ Showers
- Restrooms ■ Anywhere you use Grout

Special Features

- Easy To Use "Clean Hands" Approach
- Apply as little as 2 hours after Grouting
- Low Toxicity
- Stain Resistant
- Economical
- Recyclable (doesn't end up in a landfill)
- Hermetically Sealed against Bacteria Contamination
- Directional Spray
- Weather Resistant
- Non Yellowing
- U.V. Transparent
- Contains NO CFCs
- Tamper Proof Container

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. This product is formulated for sealing all types of new and old grout to provide resistance against water, oils, alkalis, acids, and staining. **511 Spray-On Grout Sealer** is a unique formulation designed for the protection of all types of grout both new and old. **511 Spray-On Grout Sealer** penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. **511 Spray-On Grout Sealer** is not a surface coating and will not alter the natural look while making the grout easier to clean. **511 Spray-On Grout Sealer** can be applied to freshly installed grout as quickly as 2 hours after grouting. **511 Spray-On Grout Sealer** can be used on interior and exterior applications. **511 Spray-On Grout Sealer** is U.V. transparent and will not yellow under any circumstances. **511 Spray-On Grout Sealer** averages five to twenty times the coverage of competitive products. (See coverage chart). **511 Spray-On Grout Sealer** uses a "Clean Hands" approach to grout sealer application and has a unique directional spray allowing the user to apply the sealer without touching their hands.

Test Data

511 Spray-On Grout Sealer HAS BEEN TESTED BY SCIENTIFIC CERTIFICATION SYSTEMS PASSING THE MOST STRINGENT CALIFORNIA AIR RESOURCES BOARD (CARB) SECTION 01350 TEST AND HAS RECEIVED INDOOR ADVANTAGE GOLD CERTIFICATION.

Sample Testing

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

Color Enhancement

For added color with "TEXTURED AND NON POLISHED" surfaces, **511 Seal & Enhance** may be applied as directed.

Gloss Enhancement

For a higher gloss finish on POLISHED stone surfaces, use **Water Ring & Etch Remover**, **Marble Conditioner**, **Mira Dust**, **Mira Polish** or **Granite Brite**. For counters and furniture, use **Stone Polish**. For tile surfaces, try **Tile Brite**.

Protect Neighboring Surfaces

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

NEW INSTALLATIONS - APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using. **511 Spray-On Grout Sealer** should not be diluted or thinned in any way. **511 Spray-On Grout Sealer** should be used as is direct from approved container.

After Grouting: Once grouted, make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout to cure per manufacturers specification or at least 2 hours. If grout clean up is not performed effectively, an additional cleaning may be necessary to remove remaining grout residue or haze. For this procedure use **Phosphoric Acid Cleaner (HDAC) Heavy Duty Acidic Cleaner (Hydrochloric Acid)** or **Epoxy Grout Film Remover** following the instructions carefully. Once the cleaned area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply **511 Spray-On Grout Sealer** to all grout with the unique "Clean Hands" Spray. Any excess sealer that gets on the surface should be wiped off with a clean towel before it dries.

Existing Installation - Surface Preparation

Surface must be dry and free of contaminants, including previously applied sealers, dirt, lime & hard water deposits, efflorescence, rust & other heavy dirt and grime.

Surface Coating/Wax Removal: To remove existing coatings and/or waxes, use **Mira Strip** or **Finish Sealer Stripper** as directed.

Heavy Duty Cleaning: To remove lime and hard water deposits, efflorescence, rust, grease and other heavy dirt and grime use **HDAC (Heavy Duty Acidic Cleaner)** or **Phosphoric Acid Cleaner** as directed.

For a non-acid deep clean use **Liquid Powlitce** as directed.

Light Cleaning: Use **Tile & Stone Cleaner**, **Porcelain & Ceramic Tile Cleaner**, **Limestone/Travertine Soap** or **Counter Kleen** as directed.

Existing Installation - Application Instructions

Once all grout and surrounding surfaces are clean, proceed with the application instructions previously mentioned.

Residue Removal

To remove accumulated **511 Spray-On Grout Sealer**, use **Miracle Residue Remover** as directed.

Cure Time

511 Spray-On Grout Sealer will be dry to the touch in 1 - 3 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.

Coverage: Used as directed, **511 Spray-On Grout Sealer** will cover up to 250 linear feet of grout.

Cost per linear foot: Approximately 5 cents per foot.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store **511 Spray-On Grout Sealer** in the original sealed container. Stored at 77° F (25° C), **511 Spray-On Grout Sealer** will have a shelf life of 12 months.

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 1-800-350-1901 • Fax: 1-626-443-1435
Website: www.miraclesealants.com

Product Damaged During Transportation

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

Additional Product

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

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.

Caution

511 Spray-On Grout Sealer contains combustible petroleum distillates. All solvents must be considered toxic and must be used in a well-ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Open windows and use fans to circulate air. Continue to ventilate until vapors are eliminated. Exposure to high vapor concentration must be avoided. Inhaling the vapors can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

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**Osha's Hazard Communication Standard
U.S. Department Of Labor**

29 CFR 1910.1200 OMB No. 1218-0072
Identity No: Name: 511 Spray-On Grout Sealer

Section 1

Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Road
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Phone: 626-443-6433
Date Prepared: 02 - 2012

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Petroleum Distillate	68-476-86-8	800ppm	800ppm
Aliphatic Distillate	64742-88-7	100ppm	100ppm
Hydrocarbon Propellant	68-476-86-8	800ppm	800ppm

Section 3 - Physical/Chemical Characteristics

Boiling point: 35.5 - 39.5° F	Specific gravity: 0.80
Vapor pressure (200 C): .5 mm hg	Melting point: Not Available
Vapor density (Air=1): 5.3	Evaporation rate: < 0.1
Solubility in water: Insoluble	Density: 798 Kg/M3
Appearance and odor: Clear, colorless, aromatic liquid.	

Section 4 - Fire And Explosion Hazard Data

Flash Point: Level 3 Aerosol	Flammable limits:
LEL: 1	UEL: 7
pH: Neutral	DOT#: Not Available
NFPA Hazard rating H F R S (o-Least, 4-Extreme): 2, 3, 0, 0	
Extinguishing media: Dry chemical, CO2, water fog	

Special Firefighting Procedures: Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating, flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

Fire and Explosion Hazards: This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

Fire Fighting: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Warning : Never expose can or content to open flame. Do not puncture pressurized Can.

Section 5 - Reactivity Data

Stability: Stable
Conditions to avoid: Keep away from sources of ignition such as heat, sparks or open flames.
Incompatible materials to avoid: Oxidizing agent.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Carbon monoxide, carbon dioxide, silicone dioxide, fumes of xylene, aromatic and aliphatic hydrocarbons.

Section 6 - Health Hazard Data
Routes of entry:

Inhalation - Possible. Skin - Possible. Ingestion - Possible
Health hazards - Same as signs and symptoms of exposure
OSHA carcinogenicity - None; NTP - None; IARC monographs - None

Signs and symptoms of over exposure

Eyes: Causes severe eye irritation Skin: Causes mild skin irritation, drying of the skin. May cause an allergic skin reaction. Ingestion: Harmful if swallowed. Causes vomiting, nausea and diarrhea. Inhalation: Excessive inhalation causes headache, dizziness, nausea and in-coordination. Harmful if inhaled. Medical conditions aggravated: Respiratory, pulmonary, liver and kidney disorders. Central nervous systems disorders. Gastrointestinal disorders.

Emergency and First Aid Procedures:

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and laundry before reuse. Wash with soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment. Remove sources of ignition. Increase area ventilation.

Waste disposal method: disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state and local regulations.

Precautions to be taken in handling and storing: use a ground strap. Store upright in a cool place below 77° F (25° C). Keep container closed when not in use. Avoid breathing vapors. Combustible.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

CONTENTS UNDER PRESSURE : Do not expose can or contents to open flame. Do not puncture pressurized can.

Section 8 - Control Measures

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.

Protective gloves: Rubber or plastic, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses or goggles.

Other protective clothing or equipment: Chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, 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.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: 2.1 Aerosols Flammable

OSHA Hazard Class: 2.1 Aerosols Flammable

UN/NA Number: 1950

EPA Hazard Waste: N/A

CPSC Classification: N/A

Transportation Class: 55

DOT Proper Shipping Name: ORM-D Consumer Commodity

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.

testing is required to certify compliance with the above mentioned regulation.

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WARRANTY & CAUTIONS

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.

Consumer Product Safety Act Certification. This product was evaluated by Miracle Sealants Company and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location listed in Section 1 of this MSDS. The date of manufacture is stamped on the product container. No