**PRODUCT DESCRIPTION**

**KEEP OUT OF REACH OF CHILDREN.** This product is formulated for sealing concrete and masonry to provide resistance against water, alkalis, acids, ultraviolet light, staining, salt ion intrusion and freeze/thaw damage. 511 Impregnator is a unique polymerized silicone formulation designed for the protection of all medium to dense porous stone, tile and grout surfaces. 511 Impregnator penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. 511 Impregnator is not a surface coating and will not alter the natural look. All surfaces are harder and less slippery. 511 Impregnator can be used on interior and exterior applications. 511 Impregnator is U.V. transparent, resists acid rain and will not yellow under any circumstances. 511 Impregnator averages five to twenty times the coverage of competitive products. 511 Impregnator has never been formulated for or applied to freshly poured concrete to retard the evaporation of water.

511 Impregnator is on the approved sources list of the United States Postal Service and is U.S.D.A. approved for incidental food contact in federal meat and poultry establishments.

**Test Data**

Independent laboratory tests show 511 Impregnator out performs competitive products. Test results are available upon request for Staining, Static Coefficient of Friction, Tabor Abrasion, Surface Absorption, Freeze/Thaw, Vapor Transmission and Bacteria Repellency.

**NOTE:** On more porous surfaces use **511 Porous Plus** as directed. For any questions concerning grout refer to the grout manufacturers specifications. 511 Impregnator will not stop acid etching.

**Sample Testing**

Due to the differences of each substrate, 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 or Mira Mate 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 or Granite Brite. For counters and furniture, use Stone Polish. For tile surfaces, try Tile Brite.

**Slip Resistance**

511 Impregnator increases the static coefficient of friction on all surfaces. 511 Impregnator has been used successfully for compliance with the American Disability Act’s recommendations for slip resistance (ASTM C 1028-89) on polished & honed surfaces.

**M A I N T E N A N C E**

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 Impregnator in the original container, properly sealed to avoid contamination and solvent evaporation. Stored at 77° F (25° C), 511 Impregnator 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.

1-800-350-1901 or 626-443-6433 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.

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**NEW INSTALLATIONS - APPLICATION INSTRUCTIONS**

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

**Before Grouting:** Apply 511 Impregnator to all surfaces prior to grouting. This step will allow quick and easy cleanup after grouting. Grout can stain many surfaces if this procedure is not used prior to the grouting process. Apply 511 Impregnator using a **Mira Brush** or a clean towel. Apply enough to wet the surface. (See coverage charts) Be careful not to saturate the open grout joints. Allow 511 Impregnator to stand for approximately 3 - 5 minutes for maximum penetration. All excess must be removed at this time by buffing surface with a clean dry towel. This is very important on polished, glazed and porcelain surfaces. Allow 511 Impregnator to cure for 6 - 12 hours before continuing with the grouting procedure.

**After Grouting:** Once grouted, make sure that all grout residue is removed from the surface using a clean sponge and water. Allow grout to cure per manufacturer’s specifications. 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 area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply 511 Impregnator to all grout with a paint brush. Any excess sealer that gets on the surface should be wiped off with a clean towel before it dries. On larger jobs grout can be sealed by retreating the entire area including the tile or stone sur-
Osha's Hazard Communication Standard
U.S. Department Of Labor

29 CFR 1910.1200 OMB No. 1218-0072
Identity No: 511 Impregnator

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
Petroleum Distillate 64741-65-7

VOC: Less than or equal to 1500ppm

Section 3 - Physical/Chemical Characteristics
Boiling point: 355 - 395°F
Vapor pressure (200 C): 5 mm hg
Melting point: Not Available
Vapor density (Air=1): 5.3
Evaporation rate: <.01
Solubility in water: Insoluble
Density: 798 Kg/M3
Appearance and odor: Clear, colorless, aromatic liquid.

Section 4 - Fire And Explosion Hazard Data
Flash Point: 125°F (FCC) 200°C 125°C
UEL: 1
LEL: 0.1
Flammable limits:
Dilution Limits: 95% - 0.5%
Extrusion temperature: 110°C
Specific gravity: 0.80
Density: 798 Kg/M3

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 incoordination. 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 launder 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.

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.

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: N/A
OSHA Hazard Class: N/A
UN/NA Number: N/A
EPA Hazard Waste: D 001, Ignitible
CPF Classification: Combustible liquid
Transportation Class: 55

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.