

Miracle Grout Shield - New/Improved

Stain Resistant Grout Additive



www.miraclegroutshield.com

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

29 CFR 1910.1200 OMB No. 1218-0072
Identity No: Name: Miracle Grout Shield New/Improved

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: 10.10.2010

2. Composition/Information On Ingredients

CHEMICAL NAME	CAS NO.	Weight %		
Chemical Name	ACGIH/TWA	ACGIH/STEL	OSHA/TWA	OSHA/STEL

3. Hazard Identification

PRIMARY ROUTES OF ENTRY:

Dermal- Yes Ingestion-Yes Inhalation-Yes Eye contact- yes

POTENTIAL HEALTH HAZARD(Acute and Chronic):

EYES: Mild eye irritant. Direct contact with the solution may cause slight iridal and conjunctival irritation. No permanent damage is anticipated.

SKIN: Can be mildly irritating upon prolonged exposure (liquid stage only).

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: Gross over-inhalation may cause symptoms such as, but not limited to, coughing. May aggravate pre-existing lung disorders.

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. Rinse out mouth with clean water. Get medical attention.

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

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.

UNUSUAL FIRE AND EXPLOSION HAZARD: None known. Material is non-flammable and noncombustible.

6. Accidental Release Measures

Observe precautions from other sections. 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.

NA=Not Applicable N/A=Not Available ND=Not Determined

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: None required if ventilation is adequate to keep below TLV (if any are listed herein).

LOCAL EXHAUST: Recommended to keep air contaminant concentration below the OSHA's PEL and ACGIH's TLV (if any are listed herein).

MECHANICAL EXHAUST: General ventilation system should be provided.

PROTECTIVE GLOVES: Neoprene rubber gloves.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eyewash 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

BOILING POINT: (deg.F): 212
VAPOR PRESSURE: (68 deg. F) < 1
VAPOR DENSITY: (Air=1.0) > 1
SOLUBILITY IN WATER: miscible
SPECIFIC GRAVITY: (H₂O=1) - 1.05
VOLATILE BY VOLUME: -59 - 63%
VOC CONTENT: None
VOC EXEMPT COMPONENTS: 100% (water and solids)
EVAPORATION RATE: (Ether=1) <1
APPEARANCE: Milky white
ODOR: Mild.

NA=Not Applicable NE= Not Established N/A=Not Available ND=Not Determined

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 POLYMERIZATION: 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.

Disposal

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 Characteristic 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.

14. Transport Information

PROPER SHIPPING NAME: NON-HAZARDOUS LIQUID, N.O.I.

UN NUMBER: NA

Packing Group: N/A ICAO/IATA class: N/A TDG Class: N/A IDMG CLASS: N/A

15. Regulatory Information

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

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.

California Proposition 65:

Warning: The following trace ingredients present in the product are known to the state of California to cause Cancer:

NA=Not Applicable N/A=Not Available ND=Not Determined

16. Other Information

IMPORTANT NOTICE

The information presented in this publication is believed to be accurate. However, NO WARRANTY OF FITNESS OR MERCHANTABILITY or of any kind, either expressed or implied, is made regarding the product described herein or the information or recommendations contained herein. Since the conditions of use, handling and storage of this product are not within MIRACLE SEALANTS COMPANY'S control, MIRACLE SEALANTS COMPANY assumes no liability or responsibility with respect to personal injury or property damage resulting therefrom or with respect to results obtained from use Miracle Grout Shield - New/Improved.

NOTICE KEEP CONTAINERS TIGHTLY CLOSED, KEEP CONTAINERS COOL, DRY, AND AWAY FROM SOURCES OF IGNITION. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION AND/OR RESPIRATORY PROTECTION. AVOID INHALATION OF VAPORS AND PERSONAL CONTACT WITH THE PRODUCT. USE GOOD PERSONAL HYGIENE PRACTICE. "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS.