

Product Code: MSDS453
Product Name: SUPREME SHIELD Stone & Concrete
 Protectant: 648520, 648521

24-hour Emergency Phone: (800) 535-5053

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:

16001 TRADE ZONE AVE.
UPPER MARLBORO, MD 20774

2. HAZARDS IDENTIFICATION

WARNING. Contains methanol. Vapor is harmful. If ingested, may be fatal or cause blindness. This product contains a chemical known to the state of California to cause birth defects and other reproductive harm. Levels of Methanol and Ethanol in this product may vary.

Potential Health Effects

EYE:

Eye irritant.

May cause irritation.

Absorption of methanol through inhalation or ingestion may be rapid. It is important to be aware that after ingestion or inhalation of methanol, initial symptoms may be only that of mild intoxication but may become more severe after 12 - 18 hrs. Toxic effects are exerted upon the central nervous system, especially the optic nerve. May cause blindness, coma, or death. May be harmful if swallowed and enters airways.

INHALATION:

Harmful if inhaled, dependent on the extent of exposure. Under normal conditions, using adequate ventilation no problems are expected. Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. May be absorbed into the bloodstream with symptoms similar to ingestion.

CHRONIC (CANCER) INFORMATION:

Not listed by IARC or NTP as a carcinogen.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

Not classified as a teratogen.

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REPRODUCTION INFORMATION:

Does not harm reproductive cells.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Water	7732-18-5	Not Regulated
Octyl triethoxy silane	35435-21-3	Not Regulated
1,2-Ethanediol	107-21-1	.6
Methanol	67-56-1	Not Regulated
Ethanol	64-17-5	Not Regulated
ACGIH: 1000 ppm TWA NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA OSHA - Final PELs: 1000 ppm TWA; 1900 mg/m3 TWA		
Magnesium nitrate	10377-60-3	Not Regulated

4. FIRST AID MEASURES

EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

SKIN:

Wash with soap and water.

INGESTION:

Treat symptomatically. Get medical attention if symptoms continue.

INHALATION:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice. If mouth to mouth resuscitation is used, make sure rescuer is not exposed to chemical within victim's lungs or vomit.

NOTE TO PHYSICIANS:

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A **Method: N/A**
Not flammable. Aqueous solution.

FLAMMABLE LIMITS:

Lower flammable limit: N/A
Upper flammable limit: N/A

AUTOIGNITION TEMPERATURE:

Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Ammonia, carbon dioxide and carbon monoxide, nitrogen oxides. Oxides of carbon.

EXTINGUISHING MEDIA:

Use extinguishing method appropriate for the surrounding fire.

FIREFIGHTING INSTRUCTIONS:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

LARGE SPILL:

If possible, clean up spill area with absorbent and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways. If possible, clean up spill area with absorbent material or mop and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material.

7. HANDLING AND STORAGE

HANDLING:

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Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

STORAGE:

Keep containers covered. Avoid eye and prolonged skin contact. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product. If used in a manner that creates a mist, wear an approved NIOSH approved respirator to prevent exposure.

RESPIRATORY PROTECTION:

None Normally Needed. If vapors are present, use NIOSH approved respirator or self contained breathing apparatus.

SKIN PROTECTION:

Impervious Such As Neoprene or nitrile.

EYE PROTECTION:

Chemical splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.002
pH: 4.2 - 6.0
ODOR: No fragrance added.
APPEARANCE: Opaque milky white liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

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INCOMPATIBILITY:

Strong oxidizing agents such as nitrates, percholates, sulfuric acid, aluminum, zinc, and reactive metals.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, may be emitted if product burns. Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids, and ketones.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE:

No Information Available.

SKIN:

Direct contact may cause irritation.

INGESTION:

No Information Available.

INHALATION:

No Information Available.

SUBCHRONIC:

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

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Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No Information Available.

CHEMICAL FATE INFORMATION:

There is no data available on the product.

13. DISPOSAL CONSIDERATIONS

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.
Dispose empty containers in accordance with applicable regulations.

14. TRANSPORT INFORMATION(Not meant to be all inclusive)

Not regulated.

15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent

U.S. FEDERAL REGULATIONS:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

Contains an ingredient that is an acute health hazard.

SECTION 313:

If applicable, materials are listed in Section II.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

