

MATERIAL SAFETY DATA SHEET

GLASS SEALER

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1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: GLASS SEALER
Manufacturer: Stone Technologies, Corp, PO Box 2161, Cleveland, TN 37320
Telephone: (423) 503 4490
Chemical Name: Proprietary blend in Isopropanol
Product Use: Glass Sealer

2. COMPOSITION INFORMATION

<u>CHEMICAL NAME</u>	<u>CAS.NO.</u>	<u>TLV</u>	<u>PERCENT</u>
Isopropanol	67-63-0	200 ppm	> 50%

3. HAZARD IDENTIFICATION

Eye Contact: Can cause eye irritation.
Skin Contact: Prolonged or repeated contact may cause skin irritation and dermatitis. Ingestion: Swallowing may cause gastrointestinal irritation, diarrhea, nausea and vomiting.
Inhalation: Excessive inhalation of vapors can cause respiratory tract irritation, dizziness, weakness, nausea and possible unconsciousness.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation persists. Skin Contact: Remove contaminated clothing/shoes and wipe excess from skin. Wash with soap and water for several minutes. Get medical attention if irritation develops.
Ingestion: Do not induce vomiting. Call a physician.
Inhalation: If irritation, headache, nausea or drowsiness occurs, remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

5. FIRE FIGHTING MEASURES

Flash Point (TCC) 53F Ignition Temp: 750F Flammability Limits: 2%-12.7%.
FLAMMABLE LIQUID. MAY BURN WITH NEAR INVISIBLE FLAME. According to NFPA Guide, use water spray, dry chemical foam or carbon dioxide. Water or foam may cause frothing. Use water to cool fire exposed containers. If a leak or spill or leak has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak. Wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA).
Unusual/Explosive Hazards: Containers may explode on exposure to heat, sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

Notify the appropriate authorities immediately. Contain spill if possible. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or in a confined area. Wipe up or use suitable absorbent material and shovel into appropriate container for disposal. Prevent entry into sewers or waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Precautions: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided. Always re-seal container tightly when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment: Eye wash facility and safety shower recommended.
Eye/Face Protection: Safety glasses or face shield recommended to prevent eye exposure.
Skin Protection: Gloves. Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered at least weekly.

Respiratory Protection: For fire conditions or exposure above TLV wear NIOSH/MSHA approved respirators. Ventilation: Local exhaust is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear colorless liquid with an alcoholic odor.
 Boiling Point: 180F
 Flash Point 53F
 Solubility in Water: soluble
 Specific Gravity: 0.79 g/ml

10. STABILITY AND REACTIVITY

This material reacts with strong oxidizers alkalis and strong acids. This product is flammable and should be kept away from heat, sparks and open flames. Carbon monoxide, carbon dioxide, and various hydrocarbons may be released during a fire.

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

This product does not contain material shown to be a carcinogen by the National Toxicology Program (NTP), The International Agency for Research on Cancer (IARC) or OSHA. Hazardous in case of ingestion, of inhalation Slightly hazardous in case of skin contact (irritant, sensitizer, permeator)

12. ECOLOGICAL INFORMATION

Ecotoxicity in water (LC50): 100000 mg/l 96 hours [Fathead Minnow]. 64000 mg/l 96 hours [Fathead Minnow]. A film or sheen will cause discoloration of the water surface or shoreline.

13. DISPOSAL CONSIDERATIONS

For Spill: Remove all unnecessary personnel and eliminate all ignition sources. Contain spill and salvage as much material as possible by pumping to a salvage tank or drum. Pick up remaining material with a suitable absorbent.

Waste Disposal Method: Dispose of only by methods approved by and used in accordance with local State and Federal Regulations.

14. TRANSPORTATION INFORMATION

D.O.T.: Consumer Commodity
 Hazard Class: ORM-D
 UN/NA ID Number: 1219
 Proper shipping Name: UN1219, Isopropanol, 3, PG II

15. REGULATORY INFORMATION

TSCA: All components of this material are listed in the U.S. TSCA Inventory.
 R.C.R.A.: This product does not meet the definitions or contain any substance appearing in the listings contained in 40CFR261, "Identification and Listing of Hazardous Waste".

This product has been reviewed in accordance with Sections 311 (MSDS Inventory) and Section 312 (Tier Inventory) of the Superfund Amendment and Reauthorization Act of 1986 (CFR 40 370.2) for "Hazard Category" status under applicable definitions. The product meets the following categories Immediate (Acute) Health Hazard and Fire Hazard.

This product does not contain or was manufactured with any EPA Class I or Class II ozone depleting substances.

16. OTHER INFORMATION

The information contained in this Material Safety Data Sheet is based on the neat or concentrated product as shipped.

HMIS Health=2 Flammability=3 Reactivity=0 Personal Protection=X

X - Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

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NA = Not available ND = Not determined < = Less than > = Greater than