

# MATERIAL SAFETY DATA SHEET

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| MANUFACTURER'S NAME<br><b>GRANITIZE PRODUCTS, INC.</b>   |  |
| STREET ADDRESS<br><b>11022 VULCAN STREET</b>   |  |
| CITY, STATE AND ZIP CODE<br><b>SOUTH GATE, CALIFORNIA 90280-0893</b>   |  |
| EMERGENCY PHONE NUMBER (24 Hours):<br><b>Transportation Emergencies Call: CHEMTREC (800) 424-9300      International: 202-483-7616</b><br><b>Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766</b> |  |
| PRODUCT: <b>GS-2G GS-2/5 GS-2/30 GS-2/55</b><br><b>FABRIC PROTECTOR</b>  | Harmful if swallowed. <b>DO NOT</b> induce vomiting if swallowed. Seek medical attention immediately.<br><br><b>KEEP OUT OF THE REACH OF CHILDREN.</b><br><br><b>FOR INDUSTRIAL/PROFESSIONAL USE ONLY.</b> |
| CAS NUMBER: (Not Applicable for Blends)  |  |
| <b>DOT (Proper Shipping Name)</b><br><b>Isopropanol, 3, UN1219, PGII</b>   | <b>IMO/IMDG PROPER SHIPPING NAME:</b><br><br><b>ISOPROPANOL, 3, UN1219, PG II</b>  |
| <b>HAZARD RATING NFPA</b><br>0-LEAST FIRE - <u>  3  </u><br>1-SLIGHT TOXICITY - <u>  3  </u><br>2-MODERATE REACTIVITY - <u>  1  </u><br>3-HIGH SPECIAL - _____<br>4-EXTREME  | MARINE POLLUTANT: <b>NO</b><br>STOWAGE AND SEGREGATION: <b>B</b><br>EMERGENCY SCHEDULE – <b>F-E S-D</b>  |

## SECTION I .. INGREDIENTS

| CAS Number | Wt%       | Component                    | Exposure Limits   |
|------------|-----------|------------------------------|---|
| 94-96-2    | 5         | 2-Ethyl-1,3-hexanediol       | None established.   |
| 95-63-6    | 2         | 1,2,4-Trimethylbenzene       | None established.   |
| 546-68-9   | 12        | Tetraisopropoxy titanate     | See isopropyl alcohol comments.                                   |
| 1330-20-7  | 10        | Xylene                       | OSHA PEL (final rule) and ACGIHTLV:<br>TWA 100 ppm, STEL 150 ppm. |
| 8052-41-3  | 38        | Stoddard solvent             | OSHA PEL (final rule) and ACGIH TLV:<br>TWA 100 ppm.              |
| 68988-56-7 | 16        | Trimethylated silica         | 5 mg/m3 Ceiling (as dust).  |
| 556-67-2   | > 60      | Octamethylcyclotetrasiloxane | TWA 10 ppm.   |
| 541-02-6   | 3.0 - 7.0 | Decamethylcyclopentasiloxane | None established  |
| 541-05-9   | <1.0      | Hexamethyl cyclotrisiloxane  | None established  |

*Comments:* Isopropyl alcohol is formed on contact with water or humid air. Provide adequate ventilation to control exposures to within exposure guidelines of 400 ppm (TWA) and 500 ppm (STEL).

\* Threshold Limit Value

A, Osha [x]

B, ACGII [ ]

C, See Section III [ ]

D, Other [ ]

Cal Osha [ ]

## Section II .. EMERGENCY AND FIRST AID PROCEDURES

Transportation Emergencies Call: CHEMTREC (800) 424-9300 International: 202-483-7616  
Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766

|              |  |
|--------------|--|
| EYE CONTACT  | Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.   |
| SKIN CONTACT | Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.   |
| INHALATION   | If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention. |
| INGESTION    | If this product is swallowed, seek medical attention immediately. <u>DO NOT</u> induce vomiting unless directed by a physician.  |

## Section III .. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

|                  |  |
|------------------|--|
| EYE EFFECTS      | This product may be an eye irritant.   |
| SKIN EFFECTS     | Prolonged skin contact may result in irritation and/or Dermatitis.                                 |
| SYSTEMIC EFFECTS | Various studies have shown a possible association with exposure to this product and the following: |

CARCINOGEN:NTP IARC MONOGRAPHS OSHA

NONE KNOWN

**SECTION IV .. SPECIAL PROTECTION INFORMATION**

|  |  |
|--|--|
| RESPIRATORY PROTECTION<br>(Specify Type) | The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.                                |
| VENTILATION                              | If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation. |
| EYE PROTECTION                           | Safety glasses and/or face shields are recommended.  |
| PROTECTIVE GLOVES                        | The use of heavy rubber gloves is advised to prevent skin irritation and absorption.   |
| OTHER PROTECTIVE EQUIPMENT               | Impermeable aprons, availability of eye washes and safety washes are recommended.  |

**SECTION V .. REACTIVITY DATA**

|   |   |
|---|---|
| STABILITY                               | Stable X  |
| Conditions to avoid:                    | NONE  |
| INCOMPATIBILITY<br>(Materials to avoid) | NONE  |
| HAZARDOUS DECOMPOSITION PRODUCTS        | Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide. |
| HAZARDOUS POLYMERIZATION                | Will Not Occur  |

**SECTION VI .. SPILL OR LEAK PROCEDURES**

HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC (800) 424-9300

|   |   |
|---|---|
| PRECAUTIONS IN CASE OF RELEASE OR SPILL | Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away. |
| WASTE DISPOSAL METHOD                   | Dispose of product in accordance with applicable local, county, state and Federal regulations.  |

**SECTION VII .. STORAGE AND SPECIAL PRECAUTIONS**

|                                  |  |
|----------------------------------|--|
| HANDLING AND STORING PRECAUTIONS | Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation.        |
| OTHER PRECAUTIONS                | Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water. |

### SECTION VIII .. FIRE AND EXPLOSION HAZARD DATA

|                                  |  |
|----------------------------------|--|
| DOT FLAMMABILITY CLASSIFICATION  | Flash Point: 62° F / 16° C   |
| EXTINGUISHING MEDIA              | Use Foam, CO <sub>2</sub> or dry chemical fire fighting apparatus.   |
| UNUSUAL FIRE & EXPLOSION HAZARDS | Keep work areas free of hot metal surfaces and other sources of ignition.  |
| HAZARDOUS POLYMERIZATION         | The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately. |

### SECTION IX .. PHYSICAL DATA

|   |                            |                               |
|---|----------------------------|-------------------------------|
| BOILING POINT: 180°F / 82.2° C<br>Vapor Density: (AIR=1): 2.1 |                            |                               |
| EVAPORATION RATE: N-BU ACETATE=1: 1.7                         | Percent Volatile:45 %      | Solubility in water: COMPLETE |
| SPECIFIC GRAVITY: Water=1: .786                               | Weight Per Gallon: 10 LBS. |                               |
| APPEARANCE AND ODOR: PALE YELLOW                              |                            |                               |

### SECTION X .. DOCUMENTARY INFORMATION

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|---|
| Product Code No. <b>GS-2G GS-2/5 GS-2/30 GS-2/55</b> Issue date: Nov-12 Prepared By: FRED SMITH |
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*All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.*