

MATERIAL SAFETY DATA SHEET

VERSION
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Section 1 Company and Product Identification

3D INTERNATIONAL 20724 Centre Pointe Parkway, Santa Clarita CA 91350 Emergency Tel (888) 999-7627

In Case of an Emergency Contact CHEMTREC 1-800-424-9300 (US and Canada) All other locations call 01-707-703-527-3887

Product Code and Name HD Glass Shield

Section 2 Ingredients

Chemical Name:	% IN PRODUCT	PEL/OSHA	TLV-ACGIH	CAS NUMBER	CARCINOGEN
Polydimethylsiloxane- Biodegradable	12 to 15	N/E	N/E	63148-62-9	N/E
Deionized Water	<5	N/A	N/A	7732-18-5	N/D
Ethyl Alcohol	30 to 40	1000ppm	1000ppm	64-17-5	N/E
Sulfuric Acid	<2	1 Mg/Cubic M	1 Mg/Cubic M	7664-93-9	N/E
Octyltriethoxysilane	< 5	N/E	N/E	2943-75-1	N/E

Section 3 Hazards Identification: No significant effects.

Section 4 First Aid Measures:

No special first aid measures or protection needed**Primary routes of entry:** Inhalation, Eyes, Skin**Eyes:** Wash eyes immediately with large amounts of water.**Skin:** No first aid should be needed, however if irritation occurs wash contacted areas with mild soap and water.**Inhalation:** Move person to fresh air at once. If breathing has stopped, get medical attention immediately.**Ingestion:** Do not induce vomiting. If person is conscious, give water. Get medical attention.

Section 8 Exposure Controls Personal Protection

Permissible Exposure Level: See Section 2 under PEL/OSHA

Prolonged exposure can cause irritation. and redness.

Prolonged exposure can cause moderate irritation.

Prolonged exposure can cause headache, nasal and respiratory irritation.

Gastrointestinal irritation, nausea.

Section 5 Fire Fighting Measures

NFPA CODES: Health 1 Flammability: 3 Reactivity: 0 Special Hazard:

Extinguishing Media: Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemicals**Hazardous Decomposition:** Oxides of carbon or traces of hydrocarbons may be formed in small amounts.**Special Fire Fighting Procedures:** Clear fire area of unprotected personnel. Do not enter confined fire area without full bunker gear as well as positive pressure breathing**Unusual Fire / Explosion Hazards:** May ignite with ignition sources

Section 6 Accidental Release Measures

Small amounts do not need special measures. Clean up with water. For large spills remove all sources of ignition. Ventilate area. Use Protective equipment (Gloves and goggles). Absorb with an inert absorbent material.

All used and unused product should be disposed of in conformance with local, state, and federal regulations.

Section 7 Handling and Storage

Store materials away from heat and open flame. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

Section 9 Physical and Chemical Properties

Boiling/Flash Point: 200 °F / < 100 °F **Specific Gravity(Water=1):** 0.84 **Vapor Pressure (mmHg):** >1 (volatile) **%Evaporation:** 100 %**Vapor Density(Air=1):** >1 Fall in air **Solubility:** 100 % **Evaporation Rate:** > water pH <3 **Appearance/ Odor:** Clear Liquid, Alcohol scent

Section 10 Stability and Reactivity

Stability: Stable **Incompatibility:** Strong oxidizing agents or acid**Hazardous Polymerization:** Will Not Occur

Section 11 Toxicological Information : Not Known. See Section 8

Section 12 Ecological Information: Not determined

Section 13 Disposal Considerations: This product is not a hazardous waste. Therefore no disposal method should be used. However disposal should be in accordance with applicable regional, national and local laws and regulations

Section 14 Transport Information

Isopropyl Alcohol UN1219.

Section 15 Regulatory Information : No ingredient regulated

Section 16 Other Information

Protective Equipment: If PEL or TLV limits, listed in Section 2, are exceeded a NIOSH/OSHA approved air respirator is advised. These respirators should not be used for an extended period of time. A dust mask should be used when using a buffing machine. High speeds of buffing machines throw chemical dust into the air.

Sufficient mechanical ventilation should be used to maintain exposure levels below PEL and TLV limits in Section 2.

Chemical resistant gloves are always recommended as some chemicals may not only do damage to the skin but may also be a threat through absorption.

Chemical resistant splash goggles are recommended when using liquid chemicals, or using a high speed buffing machine.

NA=Not Applicable N/E=Not Established ND=Not Determined NR=Not Regulated N/L=Not Listed VP=Vapor Pressure IARC=International Agency for Research on Cancer

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