



FSG SUPERGEL

Written by Super User. Posted in **MSDS SHEETS**

SECTION I - PRODUCT IDENTIFICATION

Product Name: **FSG SUPERGEL**

Revision: 02/28/02

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Ethyl-2 Cyanoacrylate	None	0.2ppm	N/A	7085- 85-0
Poly Methyl Methacrylate	N/A	N/A	N/A	9011- 14-7
Amorphous Silica	6 mg/m3	10 mg/m3	3 mg/m3 resp.dust	112945- 52-5

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLANT

BOILING POINT: Greater than 300°F **SPECIFIC GRAVITY (H2O=1):** 1.10

VAPOR PRESSURE (mm Hg): Less than .2mmHg @ 20°C **MELTING POINT:** N/A

VAPOR DENSITY (AIR = 1): Approximately 3 **EVAPORATION RATE (Butyl Acetate = 1):** N/A

SOLUBILITY IN WATER: Negligible. Polymerized **APPEARANCE AND ODOR:** Clear gel / Sharp, pungent
by water

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD
USED):** 150-200°F, Tag Closed Cup

FLAMMABLE LIMITS N/A

EXTINGUISHING MEDIA: WATER FOG STANDARD FOAM x CO₂ x
DRY CHEMICAL x HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors exceeding the flash point will ignite when exposed to flame.

SPECIAL PRECAUTIONARY STATEMENTS: Wear self-contained breathing apparatus.

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Polymerized by contact with water, alcohols, amines, and alkalis.

Hazardous Decomposition: N/A

HAZARDOUS POLYMERIZATION: May Occur xWill not occur

Conditions to Avoid: N/A

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: N/A

EYES: Eye irritant. Vapors is irritating to eyes mucous membranes above TLV. Prolonged and repeated over exposure to vapors may produce symptoms of non-allergic asthma in sensitive individuals.

INHALATION: N/A

SKIN: Skin contact may cause burns. Bonds rapidly and strongly to skin.

EMERGENCY AND FIRST AID PROCEDURES

- INGESTION:** Ingestion is unlikely.
- EYES:** Flush with warm water. In the event that eyelids are stuck together or bonded to the eyeball, wash thoroughly with warm water and apply a gauze patch. The eye will open without further action, typically in one to two days. There will be no residual damage. Do not try to open the eyes by manipulation. Adhesive introduced into the eyes will attach itself to the eye protein and will disassociate from it over intermittent periods, usually in several hours. This will cause periods of weeping until clearance is achieved. It is important to understand that disassociation will normally occur within a matter of hours, even with gross contamination.
- INHALATION:** Remove to fresh air.
- SKIN:**
- Skin Contact:** Remove excess adhesive. Soak in warm water. The adhesive will come loose from the skin in several hours. Dried adhesive does not present a health hazard even when bonded to the skin. Avoid contact with clothes, fabric, rags, or tissue. Contact with these materials may cause polymerization. The polymerization of large amounts of adhesive will generate heat causing smoke, skin burns, and strong, irritating vapors. Wear rubber or polyethylene gloves and an apron when handling large amounts of adhesive.
- Skin Adhesion:** First immerse the bonded surfaces in warm, soapy water. Peel off or roll the surfaces open with the end of a blunt edge, such as a spatula or a spoon handle, then remove adhesive from the skin with soap and water. Do not try to pull the surfaces apart with a direct opposing action.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE**

LARGE AMOUNTS ARE RELEASED: Flood with water to polymerize. Soak up with inert absorbent.

WASTE DISPOSAL METHOD: Incinerate or dispose of in an approved landfill in accordance with local and EA regulations. Not a RCRA hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location. Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

OTHER PRECAUTIONS: N/A

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:	Not applicable with good local exhaust.
VENTILATION:	Local exhaust ventilation recommended to maintain vapor level below TLV.
LOCAL EXHAUST:	N/A
PROTECTIVE GLOVES:	Polyethylene or non reactive gloves. Do not use cotton or wool.
EYE PROTECTION:	Safety glasses or goggles with side shields.

SECTION IX: SPECIAL PRECAUTIONS

HEALTH: 2	<u>HAZARD RATING KEY</u>
FLAMMABILITY: 2	0 = MINIMAL
REACTIVITY: 2	1 = SLIGHT
PERSONALPROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

Disclaimer: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.