

# MATERIAL SAFETY DATA SHEET



2100 N. Wilkinson Way  
Perrysburg, OH 43551

## I. Product Information

Product Name: **GR-630L**  
Synonyms: Glass Resin Liquid  
Chemical Family: Silicone  
Chemical Formula: Proprietary Methyl Phenyl Polysiloxane  
CAS Number:  
DOT Shipping I.D. Number: UN 1866  
DOT Shipping Name: Resin Solution  
DOT Hazard Class: 3, Flammable Liquid  
EPA Hazardous Waste ID Number: F003

## II. Chemical Ingredients

(\*) Listed under Section 313 of Title III (SARA)

	<u>Name &amp; Percentage</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
(*)	Xylene 40%	TWA: 435 mg/M3 STEL: 655 mg/M3	TWA: 435 mg/M3 STEL: 655 mg/M3

STEL = Short term exposure limit.

TLV and PEL are listed as time weighted averages (TWA)  
unless otherwise noted.

## III. Physical Properties

Boiling Point: 257°F  
Melting Point: Not Available  
Vapor Pressure (mmHg @ 100°F): 21 (Estimate)  
Solubility in Water: Insoluble  
Vapor Density (Air = 1): > 1  
Specific Gravity: < 1  
Percent Volatile by Volume: 50  
pH: Neutral  
Appearance & Odor: Clear liquid with slight color. Aromatic odor.

#### IV. Reactivity Data

Stability: Stable

Incompatible Materials: Strong oxidizing agents, concentrated mineral acids, hydrofluoric acid.

Hazardous Decomposition Products: Oxides of carbon, silicon.

Hazardous Polymerization: Will not occur.

Conditions To Avoid: Sources of ignition. Contact or storage with incompatible materials.

#### V. Fire And Explosion Data

Flash Point: 76°F

Lower Explosive Limit: 1% (Estimate)

Upper Explosive Limit: 7% (Estimate)

Extinguishing Media: Select for surrounding material.

Special Firefighting Procedures: Wear pressure demand self-contained breathing apparatus in conjunction with appropriate personal protective equipment.

Unusual Fire and Explosion Hazards: Dangerous fire hazard and moderate explosion hazard when heated. Vapors heavier than air can flow to distant ignition sources.

#### VI. Health Hazard Information

Primary Routes of Exposure: Inhalation, skin contact and ingestion.

Signs and Symptoms of Overexposure: Nausea, headache, depression, anesthetic effects. Skin contact may cause burning and irritation. Ingestion may be poisonous.

Medical Conditions Aggravated by Exposure: Chronic overexposure may result in central nervous system, skin, liver and kidney effects.

Listing as a Carcinogen: This material is not listed as a carcinogen by the NTP, IARC, or OSHA.

#### VII. Emergency First Aid Procedures

Inhalation: Remove to fresh air. Seek medical attention.

Ingestion: Consult physician. Gastric lavage may be necessary.

Eye Contact: Immediately flush eyes for 15 minutes with large amounts of water, occasionally lifting upper and lower lids. If irritation persists, seek medical attention.

Skin Contact: Wash the affected area with soap and water. Seek medical attention if irritation persists.

## VIII. Control Measures

Engineering Controls: General ventilation recommended under normal conditions of use.

Work/Hygiene Practices: Avoid inhalation of vapors. If necessary, wear NIOSH/MSHA approved respiratory protection for vapors.

Personal Protective Equipment:

Respiratory Protection: If necessary, wear NIOSH/MSHA approved respiratory protection for vapors.

Eye/Face Protection: Recommended.

Skin Protection: Recommended to prevent skin irritation and absorption.

## IX. Storage and Disposal Information

Handling and Storage Precautions: Store in a cool, dry location.

Spill or Leak Procedures: Clean up spilled material into a closed container.

Disposal Methods: Dispose of in accordance with local, state, or federal regulations.

## X. Manufacturer/Supplier Information

Prepared by: T. L. Richardson  
Date: July 1, 1998  
Revised: June 16, 2006  
24-Hour Emergency Telephone Number: (800) 424-9300  
General Information Number: (419) 873-2120  
Manufacturer's Contact: W.J. Blessing  
CHEMTREC: (U.S.) (800) 424-9300  
(Int'l) (703) 527-3887