



GR219, GR219-L THIN RESIN

Written by Super User. Posted in [MSDS SHEETS](#)

SECTION I - PRODUCT IDENTIFICATION

Product Name: **GR219, GR219-L THIN RESIN**

Revision: 02/28/02

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
High Boiling Methacrylate Photoinitiator	N/A	N/A	N/A	Proprietary
Polyurethane Oligomer	N/A	N/A	N/A	947-19-3 Proprietary
High Boiling Acrylate	N/A	N/A	N/A	Proprietary
High Boiling (Meth) Acrylate	N/A	N/A	N/A	Proprietary
Acrylic Acid	N/A	2 ppm	N/A	79-10-7
High Boiling (Meth) Acrylate	N/A	N/A	N/A	Proprietary

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: N/A	SPECIFIC GRAVITY (H2O=1): 1.03
VAPOR PRESSURE (mm Hg): 6 mm Hg @ 30°C	MELTING POINT:
VAPOR DENSITY (AIR = 1): Heavier than air	EVAPORATION RATE (Butyl Acetate = 1): N/A
SOLUBILITY IN WATER: Insoluble	APPEARANCE AND ODOR: Amber Liquid; Mild

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >200°F (P.M.C.C.)

FLAMMABLE LIMITS N/A

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL PRECAUTIONARY STATEMENTS: N/A

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Oxidizers, amines, strong Lewis or mineral acids, thiosulfates. Smoke and toxic fumes may be evolved as a result of uncontrolled exothermic reaction of large masses of material reacting with curing agents, such as peroxides, amines, or exposure to light.

Hazardous Decomposition: None.

HAZARDOUS POLYMERIZATION: xMay Occur Will not occur

Conditions to Avoid: N/A

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: N/A

- EYES:** Possible irritation on contact.
- INHALATION:** Inhalation of vapors in an unventilated area may, over time, induce headaches.
- SKIN:** Possible irritation on contact.

EMERGENCY AND FIRST AID PROCEDURES

- INGESTION:** Low toxicity; Get medical attention.
- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- INHALATION:** Remove affected person to fresh air.
- SKIN:** In case of skin contact, wash thoroughly with soap and water. Do not use organic solvents for cleanup as they may dry or irritate the skin and act as a carrier for chemical absorption.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

- STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:** Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste in accordance with current local, state, and federal regulations.
- WASTE DISPOSAL METHOD:** N/A
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid prolonged or repeated breathing of vapor. Avoid storage over 100° F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.
- OTHER PRECAUTIONS:** N/A

SECTION VIII: CONTROL MEASURES

- RESPIRATORY PROTECTION:** Positive fresh air exhaust should be provided in the work area; respiratory equipment unnecessary in normal use.
- VENTILATION:** N/A

LOCAL EXHAUST: N/A

PROTECTIVE GLOVES: Avoid skin contact. Wear gloves and impervious protective clothing if frequent direct contact is likely.

EYE PROTECTION: Do not wear contact lenses. Chemical safety goggles are recommended.

SECTION IX: SPECIAL PRECAUTIONS

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

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