



MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

Product Trade Name: **TRULOCK LIGHT CURE BONDING RESIN**
Division Name: RMO
Address: 2165 Earlywood Drive
City State Zip: Franklin, IN 46131 USA
Emergency Telephone Number: (800) 424-9300 (Chemtrec)
Information Telephone Number: (800) 835-0885 / (847) 677-5500
Date Revised: 15-MAR-24 Rev. 003

SECTION II - Hazardous Ingredients / Identity Information

Hazardous Components:	Concentration	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIMITS
Bis-GMA	40 -50%	1565-94-2	NE	NE	
Hexanediol Di methacrylate	30 – 40%	6606-59-3	NE	NE	
Blend of multifunctional methacrylate's	20 – 30%	NE	NE	NE	
Photo initiator	< 2.0%		NE	NE	

SECTION III - Hazards Identification

HAZARD CLASSIFICATION Harmful if swallowed. Can irritate sensitive skin. May cause sensitization after prolonged and /or repeated skin contact.

SECTION IV - First Aid Measures

Skin: Wash off with soap and water. Remove contaminated clothing. If irritation persists, consult a physician
Ingestion: Do not induce vomiting, seek medical attention.
Eyes: Flush with plenty of water. Seek medical attention by an ophthalmologist.
Inhalation: Remove to fresh air, give oxygen and seek immediately medical attention.

SECTION V - Fire-fighting Measures.

Suitable extinguishing Media: Chemical Foam, Carbon Dioxide, or Dry Chemical
Unusual fire and explosion hazards: Heat can initiate exothermic polymerization.
Special Protection Equipment: Sealed against fluids and gases.

SECTION VI - Accidental release measures

Personal Precautions: See sections VII and VIII. Remove the sources of ignition and ventilate area.
Environmental Precautions: Do not dump in sewer any spilled material.
Methods for Cleaning up: Clean up using impervious gloves and dispose of in an approved manner. Use paper towels or vermiculite as absorbent.



SECTION VII - Handling and Storage

Handling:	Avoid unnecessary exposure.
Storage:	Room temperature, preferably cool, dry place, out of sunlight.. Keep away from sources of ignition.
Containers:	Keep in original containers supplied by manufacturer.
Incompatibilities:	Peroxides, Amines, Oxidizing or Reducing Agents.
Other Precautions:	Use according to directions. Avoid contact with eyes, skin and soft tissue.

SECTION VIII - Exposure Controls / Personal Protection.

General Measures:	Ventilation: good general ventilation
Limits:	TWA: Not determined; PEL: not determined.
Respiratory protection:	Avoid prolonged breathing vapors of the uncured material
Hands Protection:	Impervious Gloves
Eye Protection:	Safety Glasses or Goggles.
Skin Protection:	Respect good personal hygiene practice. Avoid unnecessary exposure.
Other Equipment:	Lab Coat.

SECTION IX - Physical and Chemical Properties.

Appearance:	Viscous liquid	Explosion Limits:	Not determined
Vapor Density	Not determined	Flash Point	Not determined
Odor	Fruity ester-like	Water solubility:	Insoluble
Vapor Pressure	Not determined	Specific Gravity	1.11
Boiling Point:	Not determined	Evaporation Rate:	Not determined

SECTION X - Stability and Reactivity.

Stability:	Stable in normal storage conditions
Conditions to avoid:	Temperatures over 40 C, sources of ignition and contamination
Materials to avoid:	Oxidizing agents, chlorine compounds, chloroform, alkalis, acids.
Hazardous Decomposition Products:	Carbon Oxides
Hazardous Polymerization Products:	May occur

SECTION XI - Toxicological Information.

Ingestion:	May cause indigestion.
Eye contact:	May cause irritation, pain, eye burns or eye damage.
Skin Contact:	May cause irritation or rash for persons with preexistent skin sensitivity.
Inhalation:	No harmful effects at room temperature.
Prolonged exposure:	N/A

SECTION XII - Ecological Information.

There is no specific information on the product. Use according to good working practice.
Avoid releasing the product into environment.

SECTION XIII - Disposal Considerations.

Incinerate or dispose according to local regulations.



SECTION XIV - Transport Information.

SEA TRANSPORTATION

Substances determining Hazard: none
IMCO # N/A
UN # N/A

AIR TRANSPORTATION


ICAO/IATA Class N/A
Substances determining Hazard: none
Ingredients Determining the label: Uncured Methacrylate Esters

ROAD / RAILWAY TRANSPORTATION:

RID/ADR N/A
Class N/A
Hazard Identification # N/A
Substance Identification # N/A
Hazard Label N/A

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol: Xn
 R22 Harmful if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin
R43 May cause sensitization by skin contact
S36 Wear protective clothing

SECTION XVI - Other Information

None

CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.