

I – Identification of the Substance and of the Company

SUPPLIER: RMO, Inc. 650 W. Colfax Ave. Denver, CO 80204 303-592-8200	Trade Name and Synonyms – Mono-Lok2 Sealant Resin Description: Adhesive Light cure Sealant Resin
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Product Grade / Name:

**ORTHODONTIC ADHESIVE LIGHT CURE
SEALANT RESIN**

II – Composition / Information on Ingredients

Aromatic and Aliphatic Dimethacrylate Monomers
Camphorquinone
Tertiary Amine

III – Hazards Identification

Physical / Chemical Hazards:

Incompatibility with strong oxidizing agents.

Routs of Entry:

Inhalation: Yes

Skin: Yes

Ingestion: Possible

Health Hazard (Acute or Chronic): ND

Signs or Symptoms of Exposure:

Repeated exposure to skin may cause irritation and reddening.

Medical Conditions Generally Aggravated by Exposure: ND

IV – First Aid Measures

Inhalation	Remove to fresh air if there are any breathing difficulties.
Eyes	Flush with copious amounts of water for at least 15 minutes.
Skin	Wash with soap and water.
Ingestion	Seek medical attention.

V – Fire Fighting Measures

Flash Point: ND

Flammability: ND

Explosion Properties: None known.

Extinguishing Media: Dry Chemical Foam, CO₂

Special Fire Fighting Procedures: Fire fighters should wear self contained breathing apparatus.

Unusual Fire and Explosion Hazards: Material may burn if exposed to flame.

Hazardous Decomposition Products: Oxides of carbon.

VI – Accidental Release Measures

Gloves and eye protection are suggested. Absorb small spills with a paper towel. Dike large spills with vermiculite or similar absorbent.

VII – Handling and Storage

Store at or below room temperature. Do not expose to visible light. Product to be handled by qualified dental professionals.

VIII – Exposure Controls / Personal Protection

Ventilation Requirements:

None

Personal Protective Equipment:

Respiratory:

None required under normal use.

Eye Protection:

Safety glasses or splash goggles.

Hand Protection:

Gloves Recommended.

Other Clothing: Lab coat.

IX – Physical and Chemical Properties

Boiling Point: ND

Vapor Pressure (mm Hg): ND

Vapor Density (air = 1): ND

Solubility in Water: Insoluble

Appearance and Odor: Resin with characteristic odor

Specific Gravity: >1

Melting Point: ND

Evaporation Rate (Butyl Acetate = 1): ND

X – Stability and Reactivity

Stability:

Unstable () Stable (X)

Conditions to Avoid: High temperatures and visible light.

Incompatibility:

Material to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products:

Oxides of carbon.

Hazardous Polymerization:

May Occur (X) Will Not Occur () – In large quantities

Conditions to Avoid: High temperatures, exposure to any visible light sources.

XI – Toxicological Information

Skin Irritation: Irritation to skin can occur.

Eye Irritation: Irritation to eyes can occur.

XII – Ecological Information

May cause adverse environmental impact if material reaches waterways.

XIII – Disposal Considerations

Dispose of in accordance with Federal, State and Local Regulations.

XIV – Transportation Information

Not regulated.

XV – Regulatory Information

R-Phrase: R21/22: Harmful in contact with skin and if swallowed.

S-Phrase: S24/25: Avoid contact with skin and eyes.

XVI – Other Information

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.