

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 –
RMBond LC Flowable Adhesive

Description: Indirect Bonding System

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Product Grade / Name:

Mixture of BISGMA, EBPADMA, TEGDMA, silane, inorganic pigments, bariumborosilicate glasses*, with initiators, stabilizers and UV absorber.

*Contains a small amount of aluminum oxide.

II – Composition / Information on Ingredients

Chemical Characteristics: Mixture of BISGMA, EBPADMA, TEGDMA, silane, inorganic pigments, bariumborosilicate glasses*, with initiators, stabilizers and UV absorber.

*Contains a small amount of aluminum oxide.

Hazardous Components: None Known.

Element	CAS#	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
BIS-GMA	1565-94-2	N/E	N/E
EBPADMA	41637-38-1	N/E	N/E
TEGDMA	109-16-0	N/E	N/E
Inorganic Pigments	Various	N/E	N/E
Silane Treated Barium - Boro-alumino Silicate Glass	N/A	N/E	N/E
Silica	69012-64-2	N/E	N/E
Photo Initiators	Various	N/E	N/E

III – Hazards Identification

Risk Identification: None Known.

Special Risks for Human Beings and Environment: None Known

Classification: Unknown. Those people known to be allergic to methacrylate resins should avoid the use of this product.

IV – First Aid Measures

General Information:

After Skin Contact: Immediately wash with soap and water, consult a physician if irritation occurs.

After Eye Contact: Immediately flush eyes with eyelids retracted, with plenty of water for 15 minutes. Consult a ophthalmologist if needed.

After Swallowing: Consult a physician immediately. Rinse oral cavity with water and exude or expectorate. Induce vomiting. Seek fresh air.

V – Fire Fighting Measures

Extinguishing Media: Chemical foam, carbon dioxide or dry chemical.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VI – Accidental Release Measures

Personal Precautions: Unknown.

Environmental Precautions: Absorb with inert material. Collect in closed containers and dispose of as recommended.
Avoid skin contact, wear protective equipment.

Methods for Cleaning Up: Dispose in accordance to Federal, State, and local regulations.

Additional Information: Unknown.

VII – Handling and Storage

Handling: Not applicable.

Handling Procedures: Not applicable.

Recommendation for Fire and Explosion Protection: Not applicable.

Storage: Store material at 65-75° F (18-24° C) away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time spontaneous polymerization may occur.

Requirements at Storerooms and Containers: Not applicable.

Additional Storage Conditions: Not applicable.

Storage Classification: Not applicable.

VBF – Classification: Not applicable.

VIII – Exposure Controls / Personal Protection

Additional Information:

Personal Protective Equipment: Protective gloves, goggles are recommended.

General Measure of Protection and Hygiene: Normal hygienic measures.

Respiration: Not necessary.

Hands: Protective gloves.

Eyes: OSHA approved goggles.

IX – Physical and Chemical Properties

Appearance: Form: Viscous Gel.
Color: Various shades.
Odor: Esther-like.

Information on Change in the Physical State:

Melting Point/Melting Range: Not applicable.

Boiling Point/Boiling range: Not applicable.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Danger of Explosion: None known.

Density: 1.7 gm/cm³.

Vapor Pressure: Unknown.

Viscosity: Not applicable.

pH: Not applicable.

Solubility in/Miscibility with Water: None.

Content of Solvents: None.

Organic Solvents: None.

Water: None.

Content of Solids: ≥64%.

X – Stability and Reactivity

Incompatibility with Other Substances: Stable.

Hazardous Decomposition Products: Unknown.

XI – Toxicological Information.

Carcinogenicity: NTP: Not listed.
IARC Monographs: Not listed.
OSHA Regulated: Not listed.

TLV: Unknown.

Primary Routes of Entry: Inhalation/ingestion, skin, and eyes.

XII – Ecological Information

General Information: Unknown.

Classification of Water Endangerment: Unknown.

XIII – Disposal Considerations

Disposal Consideration: Dispose of in accordance with Federal, State, and local regulations.

XIV – Transportation Information

Not classified as dangerous goods.

XV – Regulatory Information

Classification According to EEC Guidelines: Unknown.

National Prescriptions: Unknown.

Classification According to VbF: Unknown.

XVI – Other Information

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