

**I – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc. Trade Name and Synonyms –
650 W. Colfax Ave. Description: Metal Conditioner
Denver, CO 80204
303-592-8200

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

Product Grade / Name:
Porcelain Conditioner

II – Hazards Identification

Ingestion: May be harmful if ingested in sufficient quantities.
Skin: Prolonged or repeated skin contact may cause drying, cracking or irritation.
Eyes: Vapor and mist may cause irritation
Inhalation: High vapor or mist concentrations may cause drowsiness and irritation of respiratory tract.

III – Composition / Information on Ingredients

Hazardous Components:	CAS NO.	OSHA PEL	ACGIH TLV
Methyl Methacrylate	[80-62-6]	100 ppm	100 ppm

IV – First Aid Measures

Skin: Wash off with soap and water. Remove contaminated clothing. If irritation persists consult a physician.
Ingestion: Seek medical attention immediately. Only induce vomiting if directed by physician.
Eyes: Remove contact lenses. Flush with plenty of water. Seek medical attention by an ophthalmologist.
Inhalation: Remove to fresh air. If breathing is difficult give oxygen and seek immediately medical attention.

V – Fire Fighting Measures

Suitable extinguishing Media: Chemical Foam, Carbon Dioxide, or Dry Chemical
Forbidden extinguish Media: Unknown
Special Fire/Exposure Hazards: Fight advanced fires from a protected location. Use water spray to cool containers exposed to fire.
Unusual fire and explosion hazards: Uncontrolled polymerization may produce a rapid release of energy with the potential for an explosion of unvented closed containers. Vapors are heavier than air and may travel to sources of ignition.
Special Protection Equipment: Wear NIOSH-approved self-contained breathing apparatus and protective gear.

VI – Accidental Release Measures

Personal Precautions: See sections VII and VIII for proper handling and personal protection.
Environmental Precautions: Do not dump in sewer the spilled material. Do not contaminate any lakes, streams, groundwater, and soil.
Methods for Cleaning up: Always use impervious gloves when cleaning up. Absorb spill with inert absorbent such as paper towels or vermiculite as absorbent. Dispose according to applicable regulations.

VII – Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.

Storage: Store at room temperature, preferably cool, dry place, out of sunlight or strong light. Keep away from sources of ignition. Keep containers tightly closed.

Containers: Keep in original containers supplied by manufacturer.

Incompatibilities: Peroxides, Amines, Oxidizing or Reducing Agents.

Other Precautions: Use by trained professionals only and according to directions. Avoid contact with eyes, skin and soft tissue.

VIII – Exposure Controls / Personal Protection

Exposure Limits:

	OSHA – PEL		ACGIH - TLV	
	TWA	STEL	TWA	STEL
Methyl methacrylate	100 ppm	NE	100 ppm	NE

General Protective Measures: Follow good chemical handling/laboratory practice. Avoid unnecessary exposure. General ventilation should be designed in accordance with good engineering practices.

Respiratory protection: Use MSHA-NIOSH approved respirator for organic vapors.

Limits: Hands Protection: Disposable vinyl gloves

Eye Protection: Safety Glasses or Goggles.

Skin Protection: Protect all exposed skin from contact. Chemical resistant apron.

Other Equipment: Eye wash should be available in areas where this product is handled

IX – Physical and Chemical Properties

Appearance: Clear colorless liquid

Odor: Fruity odor

Vapor Pressure: N/E

Boiling Point: N/E

Explosion Limits: N/E

Flash Point: 10 C (Closed Cup)

Water solubility: Moderately soluble

Specific Gravity: .94

Evaporation Rate: (Butyl Acetate = 1) N/E

X – Stability and Reactivity

Stability: Unstable

Conditions to avoid: Heat and sources of ignition.

Materials to avoid: Acids, bases, oxidizing UV light and reducing agents

Hazardous Decomposition Products: N/E

Hazardous Polymerization Products: May occur

XI – Toxicological Information

Ingestion: May be harmful if ingested in sufficient amount. May cause dizziness, drowsiness, vomiting, nausea, lack of coordination.

Eye contact: May cause irritation, pain, eye burns or permanent eye damage.

Skin Contact: Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Inhalation: Inhalation of vapor or mist can cause irritation of nose and throat.

Prolonged exposure: Repeated or prolonged exposure can cause headache, nausea, drowsiness and unconsciousness.

	For Methyl methacrylate
Acute Oral Effects:	LD50 (rat) > 5,000 mg.
Acute Dermal Effects:	LD50 (rabbit) > 5,000mg.
Acute Inhalation Effects:	LC50 (rat 29.8 mg/l

XII – Ecological Information

Avoid releasing the product into the environment

XIII – Disposal Considerations

Incinerate or dispose of in accordance with Federal, State, and Local Regulations.

XIV – Transportation Information

Substances determining Hazard:	Flammable Liquid, n.o.s.
Hazard Class:	Substance Identification UN 1247
Packing Group:	3
Hazard Label:	Flammable Liquid
UN/NA	1993
ERG. No	129

XV – Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	Xi F
Risk Statements:	R10 Flammable R22 Harmful if swallowed
Safety Statements:	S16 Keep away from sources of ignition S23 Do not breathe fumes S24/25 Avoid contact with skin and eyes S26/28 If contact with eyes and skin, wash with plenty of water
Ingredients Determining the label:	Methyl Methacrylate

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.