

MATERIAL SAFETY DATA SHEET



1. Chemical Product and Contact Information

Product Name: Resinate™ Thinning Resin

Date of Issue: 02/15/06

Revision Date: Not applicable

Company Identification: OBTURA SPARTAN
1663 Fenton Business Park Court
Fenton, MO 63026

Phone: 636-343-8300

Emergency Information Chemtrec: 800-424-9300

Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: EBPADMA resins with photo initiator, amines, stabilizer and Red #40.

Description:

Hazardous components:

None known.

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Thiosinamine	109-57-9	N/E	N/E

3. Hazard Identification

Risk identification: None known.

Special risks for human beings and environment: None known.

Classification: Not hazardous. Those people known to be allergic to methacrylate resins should avoid the use of this product.

4. First Aid Measures

General information: Unknown.

After skin contact: Wash with plenty of soap and water.

After eye contact: Rinse with plenty of water and contact an ophthalmologist.

After swallowing: Seek medical advice immediately.

5. Fire Fighting Measures

Extinguishing media: CO₂, water, dry chemical.

Protective equipment: Unknown.

6. Accidental Release Measures

Personal precautions: Avoid skin contact, wear protective equipment.

Environmental precautions: Unknown.

Methods for cleaning up: Absorb with inert material. Collect in closed containers and dispose according to Federal, State and local, regulations.

Additional information: Unknown.

7. Handling and Storage

Handling: Always handle with care.

Recommendation for fire and explosion protection: Unknown.

Storage: Store at room temperature 65°F-75°F (18°C-24°C). Store away from direct light.

Requirements at storerooms and containers: Store in a cool, dry place.

Additional storage conditions: Not applicable.

Storage classification: Unknown.

VBF- classification: Unknown.

8. Exposure Controls/Personal Protection

Additional information: Protective gloves and goggles are recommended.

Personal protective equipment: Follow normal hygienic measures.

General measure of protection and hygiene: Normal hygienic measures.

Respiration: Not necessary.

Hands: Protective gloves.

Eyes: OSHA approved goggles.

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9. Physical and Chemical Properties

Appearance:	Form:	Liquid.
	Color:	Reddish.
	Odor:	Ester-like.

Information on change in the physical state

Melting point/melting range:	Not applicable.
Boiling point/boiling range:	480°F.
Flash point:	Not applicable
Auto ignition temperature:	Not applicable.
Danger of explosion:	Not likely.
Density:	1.1 g/cm ³
Vapor pressure:	70°F.
Viscosity:	Not applicable.
pH:	Not applicable.
Solubility in/miscibility with:	
Water:	Slightly.
Content of solvents:	None.
Organic solvents:	None.
Content of solids:	< 5%.

10. Stability and Reactivity

Incompatibility with other substances:	Strong oxidizing and reducing agents, heat, direct sunlight.
Hazardous decomposition products:	Unknown.

11. Toxicological Information

Carcinogenicity:	None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.
TLV:	Oral rat 5.2 ml/kg.
Primary routes of entry:	Inhalation, skin, and eyes.

12. Ecological Information

General information:	Unknown.
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13. Disposal Considerations

Disposal consideration:	Dispose in accordance with Federal, State, and local regulations.
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14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

Classification according to EEC guidelines:	Unknown.
National Prescriptions:	Unknown.
Classification according to VbF:	Unknown.

16. Other Information