

Sybron Endo MSDS Information

The following MSDS includes information regarding Real Seal Root Canal Sealant System components being distributed by the Sybron Endo division of Ormco Corporation. The following information has been provided to Sybron Endo by the actual product manufacturer, Pentron[®] Clinical Technologies, LLC.



1. Chemical Product and Contact Information

Product Name: Epiphany™ Thinning Resin

Material Safety Sheet Number: 00189

Date of Issue: 09/12/03

Revision Date: Not applicable

Company Identification: **Pentron Clinical Technologies, LLC**

P.O. Box 724

Wallingford, CT U.S.A. 06492

Phone: **800-551-0283**

203-265-7397

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.

CAS NR:

109-57-9

Name:

thiosinamine

% R-classification:

unknown

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: Wear protective equipment. Avoid direct contact.

Environmental precautions: Unknown.

Methods for cleaning up: Absorb with inert material. Collect in closed containers and dispose of as recommended.

Additional information: Incineration according to Federal, state, and local regulations.

7. Handling and Storage

Handling: Always handle with care.

Handling procedures: Unknown.

Recommendation for fire and explosion protection: Unknown.

Storage: Store away from direct light. Store the dual cure activator at 4°C.

Requirements at storerooms and containers: Store in a cool, dry place at or below room temperature.

Additional storage conditions: Not applicable.

Storage classification: Unknown.

VBF- classification: Unknown.

8. Exposure Controls/Personal Protection

Additional information for technical plants:

Components with limits of values to be supervised at the workplace:

CAS-Nr.	Name	%	Art	Value	Unit
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.					

Additional information: Protective gloves and goggles are recommended.

Personal protective equipment: Follow normal hygienic measures.

General measure of protection and hygiene:

Respiration: Not necessary.

Hands: Protective gloves.

Eyes: OSHA approved goggles.



9. Physical and Chemical Properties

Appearance: Form: Liquid.
 Color: reddish.
 Odor: Esterlike.

Information on change in the physical state

	Value	Unit	Method
Melting point/melting range:	Not applicable.		
Boiling point/boiling range:	480° F.		
Flash point:	Not applicable		
Autoignition temperature:	Not applicable.		
Danger of explosion:	Not likely.		
Density:	1.1		
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 sun-light.
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

Unknown.

13. Disposal Considerations

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

14. Transport Information

Not classified as dangerous goods.

15. Regulatory information

Unknown.

16. Other Information

Revision Summary: No revisions have been made.

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