

Material Safety Data Sheet

Issued: 12/27/2012

Revision Number: 6

1. Identification of Substance/Preparation and Company/Undertaking

Product Name: Maximum Cure Sealant A W/FL and Sealant B
Manufacturer: Reliance Orthodontic Products, Inc., 1540 West Thorndale Ave, Itasca, IL 60143 USA
Emergency Telephone: 630-773-4009 Fax: 630-250-7704

Authorized Representative: Emergo Europe, Molenstraat 15, 2513 BH The Hague, The Netherlands
Telephone: +31-70-345-8570 · Fax: +31-70-346-7299

CE Administrator: Amtac Certification Services Ltd., Davey Avenue, Knowlhill, Milton Keynes, MK5 8NL, United Kingdom

2. Composition/Information on Ingredients

| Ingredient | Concentration Range (%) | CAS Number | Symbol/Risk Classification | OSHA PEL (mg/m ³) | ACGIH (mg/m ³) | LD50 (mg/kg, rat/oral) |
|----------------------------|-------------------------|------------|----------------------------|-------------------------------|----------------------------|------------------------|
| Bis=GMA | 50-80. | 1565-94-2. | Xi, R36/38/43. | N/D. | N/D. | N/D. |
| Methyl Methacrylate | 20-40. | 80-62-6. | F; R11, Xi; R36/37/38/43. | 410. | 100. | >5000. |
| Hydrofluoride Methacrylate | 2-5 | N/A | Xi, R36/38/43. | N/D | N/D | N/D |

3. Hazards Identification

Flammable. May cause sensitization by skin contact, Irritates the eyes, respiratory system and skin.

4. First-aid Measures

Inhalation: Provide fresh air and rest.
Skin Contact: Wash with soap and water.
Eye Contact: Flush with running water for at least 15 minutes while keeping eye lids open; seek medical attention.
Ingestion: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested.

5. Fire-fighting Measures

Fire-fighting media: Dry chemical powder, foam or carbon dioxide.
Fire and explosion risks: Upon combustion, irritating gases may form.

6. Accidental Release Measures

Personal Precautions: Prevent skin/eye contact, Provide ventilation.
Environmental Precautions: Avoid ground water contamination.
Methods for Cleaning Up: Wipe with damp paper towels, Discard properly.

7. Handling and Storage

Store refrigerated when not in use (overnight). Store in cold, dry, ventilated area (<25°C/77°F) This product is used exclusively for dental purposes by trained personnel.

8. Exposure Controls/Personal Protection

Eye Protection: Use protective eyewear.
Hand Protection: Use protective gloves.
Respiratory Protection: Avoid prolonged breathing of vapors of uncured material.
Skin Protection: Use any necessary hygiene measures.

9. Physical / Chemical Properties

| | | | |
|-----------------------|--------------|--------------------------|-----------|
| Appearance | Liquid | Vapor Pressure @ 20C/68F | N/A |
| Color | Pale Yellow | Miscibility | N/A |
| Odor | Methacrylate | Vapor Density | N/A |
| Solubility (H2O, fat) | Insoluble | pH | N/A |
| Boiling Point / Range | N/A | Evaporation Rate | N/A |
| Melting Point / Range | N/A | Viscosity | N/A |
| Flash Point | >50F/10C | Partition Coefficient | N/A |
| Conductivity | N/A | Autoflammability | N/A |
| Explosive Properties | N/A | Flammability | Flammable |
| Oxidizing Properties | N/A | Relative Density | >1 |

10. Stability and Reactivity

Avoid high temperatures.

11. Toxicological Information

| | |
|----------------|---|
| Eye Contact: | Irritates the eyes. |
| Skin Contact: | May irritate the skin. |
| Sensitization: | May cause allergic reaction on contact with the skin. |
| Other: | May irritate the respiratory system. |

12. Ecological Information

N/A

13. Disposal Considerations

Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.

14. Transport Information

No special precautions.

15. Regulatory Information

| | |
|-----------------|--|
| Classification: | F Flammable, Xi Irritant, R11 Highly flammable., R36/37/38 Irritating to eyes, respiratory system and skin, R43 May cause sensitization by skin contact. |
| Safety: | Refer to any applicable National laws. |

NOTE: This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.