



Product # 38-300

Issue Date: November 17, 2011

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MATERIAL SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Plastic Bracket Primer

COMMON OR CHEMICAL NAME: Self-Cure Plastic Bracket Primer

MANUFACTURED BY:

Dentonics, Inc.
2833 Tophill Rd.
Monroe, NC 28110
USA

EMERGENCY TELEPHONE:

800-727-4737

GENERAL INFORMATION:

704-238-0245

SECTION 2. Composition/Information on Ingredients

Product Contents: Plastic Bracket Primer

Hazardous Ingredients: Methyl Methacrylate Monomer, Stabilized

Proper Shipping Name: Methyl Methacrylate
Monomer, Stabilized

CAS: 80-62-6

UN Designation: UN1247

Class: 3, Flammable Liquid

Packing Group: II

HAZARDOUS DATA

Health: 2

Flammability: 3

Reactivity: 2

Hazardous Data Legend:

4- Extreme

3- High

2- Moderate

1- Slight

0- Insignificant

SECTION 3. Hazards Identification

For potential health hazards: SEE Section 10 & 11 below

No other critical hazards to man or the environment are reasonably foreseen.

SECTION 4. First Aid Measures

Inhalation: Remove affected person to fresh air.

Skin Contact: Wash with copious amounts of water and soap.

Eye Contact: Flush with copious amounts of water.

Ingestion: Induce vomiting.

SECTION 5. Fire-Fighting Measures

Suitable Extinguishing Media: Chemical foam, CO₂

Extinguishing Media which should not be used: None.

Special exposure hazards from combustion products: None specific.

Special protective equipment for fire fighters: None.

SECTION 6. Accidental Release Measures

Personal Precautions: Avoid inhalation and contact with skin and eyes.

Environmental Precautions: Dispose in accordance with all federal, state, and local regulations.

Methods for Cleaning Up: Small quantities: Wipe up with paper towels and then wash with soap and water.
Large quantities: Collect into metal containers and dispose in accordance with federal, state, and local regulations.

SECTION 7. Handling and Storage

Handling Precautions: Provide good ventilation; avoid inhalation or contact with eyes and skin.

Safe Storage Conditions: Store at temperatures not exceeding 75°F (24°C), ensuring the cap is securely in place.

Other Restrictions or Recommendations: None.

SECTION 8. Exposure Controls/Personal Protection

Respiratory Protection & Ventilation: Provide good ventilation; avoid inhalation.

Protective Clothing or Equipment: Small quantities: Not required under normal handling.
Large quantities: Protective gloves and goggles.

Unusual Work/Hygienic Practices: None.

SECTION 9. Physical and Chemical Properties

Appearance: Light yellow liquid.

Odor: Pungent.

pH: Not applicable.

Boiling Point/Range: ~215°F (101°C)

Melting Point/Range: Not applicable.

Flash Point: 13°C (method used: open cup)

Auto-Ignition Temperature: Not applicable.

Flammability: Yes.

Explosive Limits in Air: Lower: 2.1, Upper: 12.5 (% by volume)

Oxidizing Properties: None.

Vapor Pressure (mm Hg): 1.4 psi @ 100°F

Vapor Density (Air=1): > air

Specific Gravity (H₂O =1): ~0.96

Solubility in Water: 1.5% @ 20°C

Reactivity in Water: None.

Other Data: None.

SECTION 10. Stability and Reactivity

Stability: Unstable.

Conditions of Instability: Temperatures above 100°F

Incompatibility with Various Substances: Oxidizing agents.

Hazardous Decomposition Products: Acrylic acid, CO, acrolein.

Hazardous Polymerization: May occur at extreme temperature condition and in contact with free radicals generating materials.

Conditions to Avoid: Exposure to elevated temperatures, free radicals generating materials.

SECTION 11. Toxicological Information

Potential Acute Health Effects: Mucous membrane irritation, headaches.

Potential Chronic Health Effects: Skin sensitization upon prolonged or repetitive exposure.

Signs and Symptoms of Exposure: Headaches, skin/eye irritation.

Medical Conditions Generally Aggravated by Exposure: History of skin sensitization.

Carcinogenic or Potential Carcinogenic Effects: None known.

Other Potential Health Effects: None known.

SECTION 12. Ecological Information

No ecological damage or impact anticipated when handled as indicated.

SECTION 13. Disposal Considerations

Waste Disposal: Do not dispose into sink. Small quantities landfill ok; Large quantities incinerate. Dispose in accordance with all federal, state, and local regulations.

SECTION 14. Transport Information

UN Classification: UN1247

Identification: Methyl Methacrylate Monomer, Stabilized

Special Provisions for Transport: SEE current Dangerous Goods Regulations.

SECTION 15. Regulatory Information

U.S. FDA Dental Device: Not classified as a dental device.

EC Medical Device Directive: Class I product

SECTION 16. Other Information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.

MSDS Approved by: **Randy Leander**