

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE  
LOS ANGELES, CA 90040  
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD 5 Second Nail Primer**DATE:** 6/25/2004**ITEM:** 66801**REV.:** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Hydroxypropyl Methacrylate	27813-02-1		None Established
Methacrylic Acid	79-41-4		ACGIH TLV: 20ppm

**Section 2. Physical / Chemical Characteristics**

**Boiling Point:** > 324°F (167°C)      **Specific Gravity:** 1.03  
**Vapor Pressure:** < 1mmHg @ 70°F (21°C)      (H<sub>2</sub>O = 1)  
(mm Hg and Temperature)      **Melting Point:** N/A  
**Vapor Density:** Not Determined      **Evaporation Rate:** N/A  
(Air = 1)      **Water Reactive:** No  
**Solubility in Water:** Appreciable  
**Appearance:** Colorless Liquid  
**Odor:** Slightly Sweet Odor

**Section 3. Fire and Explosion Hazard Data**

**Flash Point and Method Used:** 218°F (103°C) PMCC  
**Auto-Ignition Temperature:** N/A  
**Flammability Limits in Air % by Volume:** **LEL:** N/A  
**UEL:** N/A  
**Extinguisher Media:** Dry chemical, carbon dioxide, or water spray.  
**Special Fire Fighting Procedures:** For massive fire, wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool containers. Fight fire from protected location.  
**Unusual Fire and Explosion Hazards:** Heat can cause polymerization. Heated sealed containers can explode.

**Section 4. Reactivity Hazard Data**

**Stability:**  Stable       Unstable  
**Conditions to Avoid:** Elevated temperatures, free radical initiators, UV light, excessive aging, and oxygen free atmosphere.  
**Incompatibility (Materials to Avoid):** Free radical initiators, oxidizing and reducing agents.  
**Hazardous Decomposition:** None known.  
**Hazardous Polymerization:**  May Occur       Will Not Occur

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Chronic: May cause sensitization on repeated skin contact.

**Signs and Symptoms of Exposure:**

Reddening of skin.

**Medical Conditions Generally Aggravated by Exposure:**

None known.

**Emergency First Aid Procedures:**

Eye Contact: Immediately flush eyes with large amount of water for at least 15 minutes. In case of irritation, consult physician.

Skin Contact: Immediately wash with soap and water (remove contaminated clothing). In case of irritation, consult physician.

Inhalation: Remove from source of exposure and consult physician.

Ingestion: Immediately consult a physician.

**Section 6. Control and Protective Measures****Respiratory Protections (Specific Type):**

In case of high vapor concentration wear self-contained breathing apparatus.

**Protective Gloves:** Chemical splash goggles.**Eye Protection:** Impervious (butyl rubber, neopren)**Ventilation to be Used:** Local Exhaust       Mechanical       Special       Other (Specify)**Other Protective Clothing and Equipment:**

When handling larger quantities; apron and rubber boots.

**Hygienic Work Practices:**

Avoid contact with eyes, skin, and mucous membranes. Otherwise follow the standards of good industrial hygiene practice.

**Section 7. Precautions for Safe Handling and Use / Leak Procedures****Steps to be Taken if Material is Spilled or Released:**

Large quantities: Take up mechanically. Smaller quantities: Absorb with inert material (i.e. sawdust, sand, diatomaceous earth). Collect in closed containers and dispose as recommended. Avoid skin contact.

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**Waste Disposal Methods:**

Incineration according to federal, state, and local regulations in an approved incineration unit.

**Precautions to be taken in Handling and Storing:**

Store below 85°F in well ventilated area away from direct sunlight, initiators, oxidizing and/or reducing agents. Don't fill containers completely. Bulk storage tanks should be kept oxygenated in order to activate polymerization inhibitors.

**Other Precautions and/or Special Hazards:**

None