

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD 5 Natural Nail Primer**DATE:** 6/25/2004**FORMULA:** 60830 (30-8315)**REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Hydroxypropyl Methacrylate	27813-02-1	10-90%	None Established
Methacrylic Acid	79-41-4	1-10%	ACGIH TLV: 20ppm

Section 2. Physical / Chemical Characteristics

Boiling Point: > 324°F / 167°C
Vapor Pressure: < 1mm Hg @ 70°F / 21°C
(mm Hg and Temperature)
Vapor Density: > 1
(Air = 1)
Solubility in Water: Appreciable
Appearance: Colorless Liquid
Odor: Slightly Sweet Odor

Specific Gravity: 1.03
(H₂O = 1)
Melting Point: N/A
Evaporation Rate: N/A
Water Reactive: No

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, & 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: Impervious (Butyl Rubber, Neoprene)**Eye Protection:** Chemical splash goggles.**Ventilation to be Used:** Local Exhaust Other (Specify)**Other Protective Clothing and Equipment:**

When handling larger quantities: apron & 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°C 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:

After expiration of storage time spontaneous polymerization may occur.