

# 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: Vapor Pressure:	> 324°F / 167°C < 1mm Hg @ 70°F / 21°C	Specific Gravity: $(H_2O = 1)$	1.03
(mm Hg and Temperat	ure)	Melting Point:	N/A
Vapor Density:	> 1	<b>Evaporation Rate:</b>	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: Auto-Ignition Temperature: Flammability Limits in Air % by Volume:	218°F / 103°C (PMCC) N/A LEL: N/A UEL: N/A
Extinguisher Media: Special Fire Fighting Procedures:	Dry chemical, carbon dioxide, or water spray. 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, f atmosphere.	free radical initiators, UV light, excessive	aging, & oxygen free
Incompatibility (Mate	erials to Avoid):		
	Free radical initiators, ox	idizing and reducing agents.	
Hazardous Decompos	sition:		
	None known.		
Hazardous Polymeriz	ation:		
-	May Occur	Will Not Occur	Dage 1 of 2

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Section 5. Health Hazard Data

Primary Routes of E	intry:			
•	Inhalation	Skin Absorption	Ingestion	Eye Contact
Carcinogen Listed I	n:			
	🗖 NTP	IARC Monograph	🗆 OSHA	Not Listed
Health Hazards:	Acute:	May cause skin irritation on p may cause irritation to the mu digestive tract.		
	Chronic:	May cause sensitization on re	epeated skin contac	ct.
Signs and Symptom	is of Exposure:			
	Reddening of skin.			
Medical Conditions	Generally Aggravated	by Exposure:		
	None known.			
Emergency First Aid	d 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 a In case of irritation, consult pl	•	contaminated clothing).
	Inhalation:	Remove from source of expo	sure and consult ph	nysician.
	Ingestion:	Immediately consult a physici	an.	

#### Section 6. Control and Protective Measures

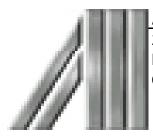
#### **Respiratory Protections (Specific Type):**

	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 Use	ed:
	☑ Local Exhaust □ Other (Specify)
<b>Other Protective Clo</b>	thing and Equipment:
	When handling larger quantities: apron & rubber boots
Hygienic Work Pract	ices:
	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.