## **AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE LOS ANGELES, CA 90040 CHEM-TEL: (800) 255-3924

# **MATERIAL SAFETY DATA SHEET**

	l Identification and Information		
ITEM:	66801	REV.	NEW
PRODUCT NAME:	IBD 5 Second Nail Primer	DATE:	6/25/2004

## 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: Vapor Pressure:	> 324°F (167°C) < 1mmHg @ 70°F (21°C)	<b>Specific Gravity:</b> (H <sub>2</sub> O = 1)	1.03
(mm Hg and Temperat	ture)	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: 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.	ree radical initiators, UV light, excessive agir	ng, and oxygen free
Incompatibility (Mate	erials to Avoid):		
	Free radical initiators, ox	idizing and reducing agents.	
Hazardous Decompo	sition:		
	None known.		
Hazardous Polymeriz	ation:		
	🗹 May Occur	Will Not Occur	Page 1 of 3

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Section 5. Health Hazard Data

Primary Routes of Entry:					
	Inhalation	Skin Absorption	Ingestion	Eye Contact	
Carcinogen Listed Ir	ו:				
	🗖 NTP	IARC Monograph	🗖 OSHA	Not Listed	
Health Hazards:	Acute:	May cause skin irritation on pr may cause irritation to the mu digestive tract.	-		
	Chronic:	May cause sensitization on re	peated skin contac	xt.	
Signs and Symptom	s of Exposure:				
	Reddening of skin.				
Medical Conditions	Generally Aggravated	by Exposure:			
	None known.				
Emergency First Aid	Procedures:				
	Eye Contact:	Immediately flush eyes with la minutes. In case of irritation,	•	er for at least 15	
	Skin Contact:	Immediately wash with soap a In case of irritation, consult ph	•	contaminated clothing).	
	Inhalation:	Remove from source of expos	sure and consult ph	nysician.	
	Ingestion:	Immediately consult a physici	an.		

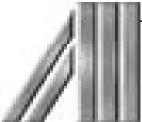
## Section 6. Control and Protective Measures

#### **Respiratory Protections (Specific Type):** In case of high vapor concentration wear self-contained breathing apparatus. **Protective Gloves:** 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