AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Bonder Gel	DATE:	11/18/2005	
ITEM:	30-4890	REV.	NEW	
Section 1. Material Identification and Information				

Hazardous Ingredients:

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_	Component	CAS #	%	TOXICOLOGICAL DATA
	Hydroxypropyl Methacrylate	27813-02-1	~30%	None Established
	Neopentylglycol Propocylate Diacrylate	84170-74-1	~5%	None Established

Section 2. Physical / Chemical Characteristics

Boiling Point: Vapor Pressure:	Will polymerize before boiling. < 1mmHg @ 70°F / 21°C	Specific Gravity: (H ₂ O = 1)	~ 1.05
(mm Hg and Temperat	ture)	Melting Point:	N/A
Vapor Density:	Not Available	Evaporation Rate:	N/A
(Air = 1)		Water Reactive:	No
Solubility in Water:	Parially		
Appearance:	Colorless Liquid		
Odor:	Slightly Sweet Odor		

Section 3. Fire and Explosion Hazard Data

Flash Point and Method Used: Auto-Ignition Temperature:	228°F / 109°C (PMCC) N/A
Flammability Limits in Air % by Volume:	LEL: N/A UEL: N/A
Extinguisher Media: Special Fire Fighting Procedures:	Water spray, carbon dioxide, and dry chemic Cool exposed containers with water spray. Use self-contained breathing apparatus in confied areas.
Unusual Fire and Explosion Hazards:	Product may polymerize at high temperatures. Polymerize may produce sufficient heat to cause thermal decomposition and/or rupture of containers. Thermal decomposition can lead to the evolution of irritant vapors or gases and/or fires.

Section 4. Reactivity Hazard Data

Stability:	☑ Stable	
Conditions to Avoid:	: Heat, organic or inorganic free radical producing initiators, ex	cposure to sunlight, unltraviolet light
	or ionizing radiation, trace metals, alkaline substances. Dire	ct heat, chemical combination,
	sunlight, ultraviolet light or ionizing radiation. Do not exceed is required.	60 °C for limited periods if warming

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Incompatibility (Mate	rials to Avoid):					
	Primary and secondar	y amines, acids,	alkalies, free	radical producing	initiators.	
Hazardous Decompos	sition:					
	Carbon Dioxide, Carbo	on Monoxide				
Hazardous Polymeriz	ation:					
	☑ May Occur	□ Will N	ot Occur			
Section 5. Health	Hazard Data					
Primary Routes of En	try:					
-	Inhalation	🗹 Skin Al	osorption	Ingestion	🗆 Ey	e Contact
Carcinogen Listed In:						
	D NTP	🗖 IARC M	onograph	🗆 OSHA	M N	ot Listed
Health Hazards:	Acute:	May cause skin irritation on prolonged contact. Eye irritant. Ingestion may cause irritation to the mucous membranes of mouth, throat, and digestive tract.				
	Chronic:	May cause sense	sitization on re	epeated skin con	tact.	
Signs and Symptoms	of Exposure:					
	Irritated skin and eyes	. Reddening or s	welling of aff	ected area.		
Medical Conditions G	enerally Aggravated I	by Exposure:				
	None known.					
Emergency First Aid	Procedures:					
	Eye Contact:	Flsuh with large amounts of water for at least 15 mintues holding lids apart. In case of irritation, consult a physician.				
	Skin Contact:	Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Get medical attention if irritation should develop.				
	Inhalation:	Remove to fresh	n air and cons	sult physician.		
	Ingestion:	Do not induce v	omiting. Imm	nediately consult	a physician	

Section 6. Control and Protective Measures

Respiratory Protections (Specific Type):

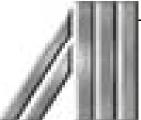
	NIOSH / MSHA approved rest	pirator in cases of high vapor concentration.	
Protective Gloves:	Impervious (butyl rubber, neop	0	
Eye Protection:	Chemical splash goggles.		
Ventilation to be Use	ed:		
	☑ Local Exhaust	Other (Specify)	
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Other Protective 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.



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Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Wear adequate personal protective clothing and equipment.

Waste Disposal Methods:

Dispose in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State, and Local regulations.

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. Do not fill containers completely.

Other Precautions and/or Special Hazards:

After expiration of storage time spontaneous polymerization may occur.