

# Material Safety Data Sheet

**IBD**  
**15010 S. Main Street**  
**Gardena, CA 90248**

**Information:** (310) 324-6680. (800) 221-2743

**Emergency:** Chemtel (800) 255-3924

<b>Product:</b> GEL EFFECTS
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Date Prepared: 6/6/01

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## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Acrylated Oligomer				
Acrylic Ester Monomers				
Photoinitiator				
Pigments				
<b>Non-Hazardous Ingredients</b>				
	100			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> approx. 1
<b>Vapor Pressure:</b> (mm Hg and Temperature) not available	<b>Melting Point :</b> N/A
<b>Vapor Density:</b> (Air = 1) not available	<b>Evaporation Rate:</b> (butyl acetate = 1) negligible
<b>Solubility in Water :</b> insoluble	<b>Water Reactive:</b> no
<b>Appearance and Odor :</b> Thick viscous liquid. Faint odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method Used</b> 188 F (Tag, CC)	<b>Auto-Ignition Temperature</b> N/A	<b>Flammability Limits in Air % by Volume</b> N/A	<b>LEL</b>	<b>UEL</b>
<b>Extinguisher Media:</b> CO <sub>2</sub> , dry chemical, foam				
<b>Special Fire Fighting Procedures:</b> Cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas.				
<b>Unusual Fire and Explosion Hazards:</b> Product may polymerize at high temperatures. Polymerization is an exothermic reaction and may produce sufficient heat to cause decomposition and/or rupture containers.				

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY:</b> ■ Stable	<b>Conditions to Avoid:</b> Polymerization may occur at high temperatures.
Incompatibility (Materials to Avoid): Primary and secondary amines, acids and alkalies.	
Hazardous Decomposition Products:	
<b>HAZARDOUS POLYMERIZATION:</b> ■ May Occur	<b>Conditions to Avoid:</b> Direct heat, sunlight, primary and secondary amines, acids and alkalies.

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY</b>	■ Skin Absorption    ■ Ingestion	<b>Carcinogen Listed In</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA ■ Not Listed
<b>HEALTH HAZARDS</b>	Acute: May cause skin irritation in certain individuals. Eye contact: may be irritating. Chronic: May cause dermal sensitization in certain individuals.			
<b>Signs and Symptoms of Exposure:</b> Redness, itching or swelling of skin. May cause eye irritation.				
<b>Medical Conditions Generally Aggravated by Exposure:</b> none known				
<b>EMERGENCY FIRST AID PROCEDURES -</b>				
<b>Eye Contact:</b> Thoroughly flush eyes with water. Contact a physician.				
<b>Skin Contact:</b> Remove contaminated clothing, wash with soap and water. Contact a physician.				
<b>Inhalation:</b> Not applicable.				
<b>Ingestion:</b> Do not induce vomiting. Seek medical attention.				

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection (Specify Type):</b> Not required with normal use.			
<b>Protective Gloves:</b> Recommended for sensitive skin.		<b>Eye Protection:</b>	
<b>VENTILATION TO BE USED</b>	■ Local Exhaust <input type="checkbox"/> Other (specify)	■ Mechanical (general)	<input type="checkbox"/> Special
<b>Other Protective Clothing and Equipment:</b>			
<b>Hygienic Work Practices:</b>			

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES**

<b>Steps To Be Taken If Material Is Spilled or Released:</b>	Soak up with inert absorbent material (sand, vermiculite). Flush area immediately with water. Prevent water from entering waterways.
<b>Waste Disposal Methods:</b>	Use landfill or incinerate in accordance with applicable local, state and federal regulations.
<b>Precautions To Be Taken In Handling and Storage:</b>	Store in a cool, shaded, well ventilated, dry area away from direct heat and sunlight.
<b>Other Precautions and/or Special Hazards:</b>	

NFPA Rating    Health \_\_\_\_\_    Flammability \_\_\_\_\_    Reactivity \_\_\_\_\_    Special \_\_\_\_\_

HMIS Rating    Health \_\_\_\_\_    Flammability \_\_\_\_\_    Reactivity \_\_\_\_\_    Personal Protection \_\_\_\_\_