

Material Safety Data Sheet

IBD
15010 S. Main Street
Gardena, CA 90248

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

Emergency: Chemtel (800) 255-3924

Product:	CLEAR GEL
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Date Prepared: 8-22-01

Prepared By: Naran Patel

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				
Methacrylate Ester Monomers				
Photoinitiator				
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H₂O = 1): approx. 1
Vapor Pressure: (mm Hg and Temperature) not available	Melting Point: N/A
Vapor Density: (Air = 1) not available	Evaporation Rate: (butyl acetate = 1) negligible
Solubility in Water: insoluble	Water Reactive: no
Appearance and Odor: Thick viscous liquid. Faint odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: N/A > 150F	Auto-Ignition Temperature: N/A	Flammability Limits in Air % by Volume: N/A	LEL	UEL
Extinguisher Media: CO ₂ , dry chemical, foam				
Special Fire Fighting Procedures: Cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas.				
Unusual Fire and Explosion Hazards: 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

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

SECTION 5 - HEALTH HAZARD DATA

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

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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

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

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

NFPA Rating Health _____ Flammability _____ Reactivity _____ Special _____

HMIS Rating Health _____ Flammability _____ Reactivity _____ Personal Protection _____