

# 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:**

**5 SECOND FILLER POWDER  
CLEAR, PINK**

Date Prepared: 06/21/02

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
Poly Methyl Methacrylate (CAS No. 9011-14-1)		15 mg/m <sup>3</sup>	NE	
Ingredients not hazardous by 29CFR1919.1200				
<b>Non-Hazardous Ingredients</b>				
	100			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> NA	<b>Specific Gravity</b> (H <sub>2</sub> O = 1): NE
<b>Vapor Pressure:</b> NA (mm Hg and Temperature)	<b>Melting Point:</b> NA
<b>Vapor Density:</b> NA (Air = 1)	<b>Evaporation Rate:</b> NA ( = 1)
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Small beads; slight "methacrylate" odor	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and</b> ca. 300°C	<b>Auto-Ignition Temperature:</b>	<b>Flammability Limits in Air % by Volume:</b> NA	<b>LEL</b> NE	<b>UEL</b> NE
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<b>Method Used:</b> ASTM D-1929	NE		
<b>Extinguisher Media:</b> Water, carbon dioxide, foam, dry chemical.			
<b>Special Fire Fighting Procedures:</b> Use self-contained breathing apparatus and full protective clothing.			
<b>Unusual Fire and Explosion Hazards:</b> Combusted only with difficulty. An electrostatic charge can potentially buildup when pouring beads. Grounding equipment is recommended.			

NA = Not Applicable  
NE = Not Established

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### SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid:</b> Temperatures above 200°C.
<b>Incompatibility (Materials to Avoid):</b> None are known.	
<b>Hazardous Decomposition Products:</b> Some organic esters may be generated by decomposition of the polymer; these may contain methacrylates. Other decomposition products include carbon monoxide and organic acids, aldehydes and alcohols.	
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b>

### SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY</b>	<input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	<b>Carcinogen Listed In</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute: See below. Chronic: None known.				
<b>Signs and Symptoms of Exposure:</b> Irritation of eyes or upper respiratory tract.					
<b>Medical Conditions Generally Aggravated by Exposure:</b> None known.					
<b>EMERGENCY FIRST AID PROCEDURES</b> -					
<b>Eye Contact:</b> Mechanical irritation only. Flush immediately with large amounts of water. Call physician.					
<b>Skin Contact:</b> Wash skin with soap and water.					
<b>Inhalation:</b> Gross overexposure may cause irritation of the respiratory tract. If overexposed, remove to fresh air. If breathing difficulty persists, call a physician.					
<b>Ingestion:</b> Do not induce vomiting. Wash mouth out with water. Obtain medical attention if ill effects occur..					

### SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection</b> (Specify Type): Dust mask.			
<b>Protective Gloves:</b> Rubber gloves.		<b>Eye Protection:</b> Safety glasses	
<b>VENTILATION</b>	<input checked="" type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
	<input type="checkbox"/> Other (specify)		
<b>TO BE USED</b>			
<b>Other Protective Clothing and Equipment:</b> Suitable clothing to protect skin from exposure.			
<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>	Sweep up spilled polymer to avoid slipping hazard.
<b>Waste Disposal Methods:</b>	Landfill or incineration in accordance with Federal, State and local regulations.
<b>Precautions to be Taken in Handling and Storage:</b>	Store in cool dry place. Keep containers closed to prevent contamination.
<b>Other Precautions and/or Special Hazards:</b>	None.

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

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