

# Material Safety Data Sheet

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Product:

**BUILDER GEL**  
**(Clear, Pink, White, Ultra White, Ultra Pink)**

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Prepared By:

## 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 Oligomers				
Acrylic Ester Monomers				
Silica				
Photoinitiators				
May contain pigments				
Non-Hazardous Ingredients				
	100			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> will polymerize before boiling	<b>Specific Gravity</b> (H <sub>2</sub> O = 1): Approx. 1
<b>Vapor Pressure:</b> (mm Hg and Temperature) less than 0.0004 torr @ 26 C	<b>Melting Point:</b> NA
<b>Vapor Density:</b> NA (Air = 1)	<b>Evaporation Rate:</b> ( = 1) NA
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> No
<b>Appearance &amp; Odor:</b> Thick viscous liquid , Faint Acrylate Odor	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method Used:</b> >200F	<b>Auto-Ignition Temperature:</b> NA	<b>Flammability Limits in Air % by Volume:</b> NA	<b>LEL</b>	<b>UEL</b>
<b>Extinguisher Media:</b> Water spray, carbon dioxide, foam and dry chemical				
<b>Special Fire Fighting Procedures:</b> Cool exposed containers with water spray. Self-contained breathing apparatus in confined areas.				
<b>Unusual Fire and Explosion Hazards:</b> Product may polymerize at high temperatures and may produce enough heat to cause thermal decomposition and/or rupture of containers and can lead to the evolution of irritant vapors or gases and/or fires.				

NA = Not available

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid:</b> Heat, organic or inorganic free radical producing initiators, exposure to sunlight, ultraviolet light or ionizing radiation, trace metals, alkaline substances.
Incompatibility (Materials to Avoid): Primary and secondary amines, acids, alkalies, free radical producing initiators.	
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide.	
<b>HAZARDOUS POLYMERIZATION</b> <input checked="" type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b> Direct heat, chemical contamination, sunlight, UV light or ionizing radiation.

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY</b> <input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption <input checked="" 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 checked="" type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute: Skin, eyes and respiratory tract irritation. Possible allergic reaction and skin sensitizer. Chronic: Dermatitis.
<b>Signs and Symptoms of Exposure:</b> Irritated skin, eyes. Reddening or swelling of affected area.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Existing skin, eyes and lungs conditions.	
<b>EMERGENCY FIRST AID PROCEDURES</b> – Seek medical assistance for further treatment, observation and support if necessary.	
<b>Eye Contact:</b> Flush with large amount of water for at least 15 minutes holding lids apart. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention.	
<b>Skin Contact:</b> Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Wash clothing before use. Get medical attention if irritation should develop.	
<b>Inhalation:</b> Remove to fresh air.	
<b>Ingestion:</b> Do not induce vomiting. If vomiting should occur spontaneously, keep air way clear. Get medical attention. Never give anything by mouth to an unconscious person.	

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection</b> (Specify Type): NIOSH/MSHA approved respirator if necessary. Follow manufacturers instructions.			
<b>Protective Gloves:</b> Gauntlet gloves of polyethylene		<b>Eye Protection:</b> Chemical splash goggle	
<b>VENTILATION TO BE USED</b>	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Mechanical (general) <input type="checkbox"/> Special	
<b>Other Protective Clothing and Equipment:</b> Chemical splash goggles or face shield.			
<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>	Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Wear adequate personal protective clothing and equipment.
<b>Waste Disposal Methods:</b>	Dispose in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State and Local regulations.
<b>Precautions to be Taken in Handling and Storage:</b>	Product may congeal if cold. Allow to warm room temperature and mix well before using. Store in a cool, shaded, well-ventilated dry area away from heat and sunlight.
<b>Other Precautions and/or Special Hazards:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Use with adequate ventilation. Wash thoroughly after handling. May cause allergic reaction.

NA = Not available

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

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