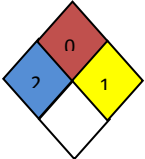




**Title**





**MSDS Sheet**

Product Name: Water base Resin	Cas No: ----
Chemical Name: Self- Cross Linking Acrylate copolymer	RTECS :
Chemical Formula: -----	
Trade Names: <b>Binder- 651</b>	

Exposure Limits	Niosh REL:
	Osha PEL :

<b>Physical and chemical properties</b>			
Physical State: Latex	Appearance: Liquid	Color: White	Odor: Slight
Molecular Weight: ≥ 30000	Density: 1.01- 1.08 gr/ Cm3	Solubility: Soluble in water	PH: 5-6
Vapor Pressure: 23.4 hPa @ 20 C	Ionization: Not Available	UEL: Not Available	LEL: Not Available
Ignition Point: ≥ 149 °C	Boiling Point: 100 °C	Auto ignition : ----	Melting Point: 0 °C
<b>Drying mechanism:</b> Evaporation			
<b>Flammability:</b> Not Flammable			
<b>Incompatibility:</b> Metal ions.			
<b>Stability:</b> 6 Months; At 25 °C and away from direct sunlight, Mechanical tensions and heating/cooling cycles.			
<b>hazardous decomposition products:</b> Not available			

	<p><b>Potential health effects:</b>                  contact with eyes may cause eye burn, swelling of the eyes and tears. Direct contact with skin causes mild irritation and skin flakes. Long term inhalation causes headache and nausea. Ingestion is harmful and may lead to death.. Direct contact may cause nausea, headache and anesthesia</p>
	<p><b>Personal Precautions:</b>                  Wear suitable impervious gloves and protective goggles. Avoid direct contact and wear suitable clothing. Don't inhale the vapor of the product and use breathing mask. Don't take contaminated clothing out of the work place.</p>

	<p><b>First Aid Measures:</b>                  In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Remove contaminated clothing. Wash medical thoroughly with soap and water. Remove all contaminated clothing. Seek advice if irritation persists. If inhaled, remove to fresh air. If not breathing, give attention if artificial respiration. If breathing is difficult, give oxygen. Get medical symptoms appear. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.</p>
	<p><b>Fire Fighting Measures:</b>                  Use DRY chemical powder. CO2 fire Extinguisher. Alcohol foam.</p>
	<p><b>Environmental precautions:</b>                  Use personal protection instruments. Remove any unnecessary source of ignition from the work place.</p>
	<p><b>Handling and Storage:</b>                  Keep away from heat. Keep away from sources of ignition. Avoid Drilling and welding the containers. The containers must be closed tightly all the time. Keep container in a cool, well-ventilated area, away from heat, humidity and direct sunlight. Keep between 5- 30 °</p>
<p><b>Waste Disposal:</b>                  Avoid releasing waste materials into waterways and surface waters.</p>	
<p><b>Accidental Release:</b> use absorbent material ( sand, sawdust) and keep the waste in a labeled container</p>	
<p><b>Toxicological Information:</b>  <b>Routes of Entry:</b> Dermal contact. Eye contact. Inhalation. Ingestion.  <b>Inhalation, ATE ≥ 5 mg/l @ 4h</b>  <b>Dermal, ATE ≥ 5000 mg/ kg</b>  <b>Oral, mouse: LD50 = 2000- 10000 mg/kg</b></p>	
<p><b>Transport Information:</b> Not Available</p>	
<p><b>Regulatory Information:</b>                  Risk Signs :Xi,- F  <b>R-Phrases : R-20,21,22,25,52</b>                  Safety Signs:  <b>S- Phrases : S9-14,29,37,45</b></p>	
<p><b>Other Information:</b> ---</p>	