

**Prepared according to 29CFR 1910.1200**

<b>Section 1</b>	<b>Chemical Product and Company Identification</b>
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CORELPHARMA CHEM

Near Railway Crossing,

Thol Road, Kadi,

Mehsana

Gujrat, India

Tel: 91-8000880044/55

Product Trade Name : ACRYPOL 934P POLYMER  
 Generic Chemical Name : Polyacrylic acid  
 Ingredients : Acrylic Polymer (>98 %)  
 Synonyms : Carbomer 934P, Carboxypolymethylene  
 CAS Number : 9003-01-4  
 H.S. CODE : 3906.9090  
 Transportation Emergency : FOR TRANSPORT EMERGENCY call Mr. K.R. Patel  
 Phone No. 91-8000880011 / 22 /33  
 MSDS No : MSDS/QAD (US)/240-02/18-19

<b>Section 2</b>	<b>Hazards Identification</b>
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Appearance : White powders.  
 Odor : Slight acetic  
 Principal Hazards : Caution.  
 Dusts may be harmful if inhaled

<b>Section 3</b>	<b>Composition/information on ingredients</b>
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Hazardous Ingredients : This material contains no ingredients requiring disclosure under regulatory hazard criteria for this jurisdiction.  
 See Section 11 for complete health hazard information.

<b>Section 4</b>	<b>First Aid Measures</b>
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Eyes : Immediately flush eyes with plenty of one percent (1%) physiological saline solution for five (5) minutes while holding eyelids open. If no saline is available, flush with

- plenty of clean water for fifteen (15) minutes. See a physician. Water (Moisture) swells this product into a gelatinous film which may be difficult to remove.
- Skin** : Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
- Inhalation** : Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or if toxic symptoms are observed, get medical attention.
- Oral** : Treat symptomatically. Get medical attention.
- Additional Information** : Note to physician: Treat symptomatically.

<b>Section 5</b>	<b>Fire Fighting Measures</b>
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- Flammability of Product** : Not applicable
- Auto ignition Temperature** : Not available
- Flash Point** : Not applicable
- Flammable Limit** : Not available
- Product of combustion** : Not know for the product as delivered (water solution).
- Fire Hazards in presence of hazards.** : This product is not known to present any fire various substances.
- Explosive hazards in presence** : This product is not known to present any fire of various substances hazards.
- Extinguishing Media** : CO<sub>2</sub>, dry chemical, foam, water spray, water fog.  
Carbon dioxide may be ineffective on larger fires due to a lack of cooling capacity which may result in re-ignition. Avoid hose stream or any method which will create dust clouds.
- Firefighting Procedures** : Wear full protective fire gear including self- containing breathing apparatus operated in the positive pressure mode with full face-piece, coat, pants, gloves and boots.
- Unusual Fire & Explosion** : Solid does not readily release flammable vapors.  
Material Hazards can form an explosive organic dust air mixture. See section 10 for additional information.

**Section 6****Accidental Release Measures**

Spill Procedures : If spilled in a enclosed area, ventilator Leak Wear proper personal protective clothing and equipment. Do not flush liquid into public sewer, water system or surface water. Recover as much as for re-use. Place into label closed container, store in a safe location to await disposal. Wash the spill area with soap and water. Change contaminated clothing and launder before re-use. CAUSTION: Spilled liquid and dried film is slippery. Use care to avoid falls. Wear protective equipment during clean-up. Solid does not readily release flammable vapors.

Material Hazards can form an explosive organic dust air mixture.

**Section 7****Handling and Storage**

Pumping Temperature : Not applicable.

Maximum Handling Temperature : Not determined

Handling Procedures : Maintain good housekeeping practices. Do not discharge into drains or the environment; dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Avoid drinking, tasting, swallowing or ingesting this product. Avoid inhalation of dust, aerosol, mist, spray, fume, or vapor. Use with appropriate and adequate ventilation. Avoid contact with eyes, skin and clothing. Ground and bond containers when transferring material. Avoid prolonged skin contact. Launder contaminated clothing before reuse. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

Maximum Storage : Not determined

Storage Procedures : Take precautions to avoid release to the environment. Store in a cool, dry, well- ventilated area. Keep container closed when not in use.

See section 10 for incompatible materials.

<b>Section 8</b>	<b>Exposure Controls/Personal Protection</b>
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Exposure Limits	: None established.
Other Exposure	: The industry-recommended permissible exposure limit for limit respirable polyacrylate dusts is 0.05 mg/m <sup>3</sup> .
Engineering	: If use generates a dust, local exhaust ventilation is recommended. Control prevent inhalation by providing effective general and, when necessary, local exhaust ventilation to draw dust away from workers. Avoid high concentrations of dust in air and accumulation of dust on equipment.
Gloves Procedures	: Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically Protective gloves.
Eye Protection	: Safety glasses or goggles.
Respiratory Protection	: Use dust masks and depending upon your specific use, appropriate respirator can be used with all applicable regulations.
Clothing recommendation	: Long sleeve shirt is recommended.

<b>Section 9</b>	<b>Physical and Chemical Properties</b>
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Flash Point	: Not applicable
Upper Flammable Limit	: Not determined
Lower Flammable Limit	: Not determined
Explosion Data	: Not determined
Vapor Pressure	: Not determined
Solubility	: Dispersible in water
Percent Solid	: Approx. 95 – 100 %
Volatile Organic Compound	: Not determined
Evaporation Rate	: Not determined.
Appearance	: White, free flowing powder.
Viscosity	: Not determined
Odor Threshold	: Not determined

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Boiling Point : Not determined  
 Pour Point Temperature : Not determined  
 Melting / Freezing : Not determined  
 Point

<b>Section 10</b>	<b>Stability and Reactivity</b>
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Stability decomposition : Material is normally stable at moderately elevated temperatures and pressures.

Temperature : Heat may be generated if polymer comes in contact with  
 Incompatibility : strong basic materials like ammonia, sodium hydroxide or strong basic amines.

Polymerization : Will not occur.

Thermal decomposition : Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Conditions to Avoid : Not Determined.

<b>Section 11</b>	<b>Toxicological Information</b>
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**-- ACUTE EXPOSURE --**

Eye Irritation : Not expected to cause eye irritation. Based on data from components or similar materials. Particulates may cause mechanical irritation. Solid particles (powder or dust) on the eye may cause pain and irritation.

Skin Irritation : Not expected to be a primary skin irritant. Based on data from components or similar materials.

Respiratory Irritation : Breathing of dust may cause coughing, mucous production, and shortness of breath.

Inhalation Toxicity : Avoid inhalation of dust. Animal studies indicate the inhalation of respirable polyacrylate dust may cause inflammatory changes in the lung.

Oral Toxicity : The LD<sub>50</sub> in rats is > 2,000 mg/Kg. Based on data from components or similar materials.

Dermal Sensitization : Not expected to cause skin sensitization. Based on data from components or similar materials.

Inhalation Sensitization : No data available to indicate product or components may be respiratory sensitizers.

**-- CHRONIC EXPOSURE --**

- Chronic Toxicity : There were no observed adverse effects at exposures of 0.05 mg/m<sup>3</sup>. However, the inhalation of respirable dusts should be avoided by implementing respiratory protection measures and observing the recommended permissible exposure limit of 0.05 mg/m<sup>3</sup>.
- Carcinogenicity : Not listed as a carcinogen or suspect carcinogen by OSHA.
- Mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Reproductive Toxicity : No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
- Teratogenicity : No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

<b>Section 12</b>	<b>Ecological Information</b>
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This product is not biodegradable; do not inhibit waste treatment bacteria; and do not pass through typical waste water treatment to the environment.

<b>Section 13</b>	<b>Disposal Considerations</b>
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This product is not biodegradable; do not inhibit waste treatment bacteria; and do not pass through typical waste water treatment to the environment.

<b>Section 14</b>	<b>Transport Information</b>
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Pack Size : 10 kg & 5 kg.  
 Not a dangerous good within the meaning of transportation regulations.

<b>Section 15</b>	<b>Regulatory Information</b>
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- SARA Ext. Haz. Subst : This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
- SARA Section 313 : This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

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SARA 311 :  
Classifications

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

**Section 16****Other Information**

Precautionary Labels : Dusts may be harmful if inhaled.

The information set forth herein has been gathered from standard reference materials and / or Corel Pharma Chem test data. The information containing herein is based on the present state of our knowledge and is intended to describe our product from the view of safety requirements. It should not therefore be construed as guaranteeing specific properties. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Safe handling and use remain the responsibility of the user.