



ISO 9001 : 2015 (QMS)
Certified Company



ISO 14001 : 2015 (EMS)
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Leepol™ Carbomers | Leepol™ Coats | Leepol™ HCO
Acids | Chemicals | Solvents | Dyes | Pigments | APIs
Hazardous Waste Management



MATERIAL SAFETY DATA SHEET
LEEPOL™ 980 POLYMER

THE LEELA CORPORATION
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1. SUBSTANCE AND COMPANY IDENTIFICATION

Product name	LEEPOL™ CARBOMER 980 POLYMER
Additional Identification	
Chemical name	Polyacrylic Acid
CAS No.	9003-01-4
Chemical Formula	POLYMER
Synonym	Carbomer 980, Carboxyvinyl Polymer
Company Identification	THE LEELA CORPORATION F-2, Mangalam Nirwana-2, B/h Umiya Campus, Sola Ahmedabad, Gujarat-380060. India Website:- www.leelacorp.com E-mail:- info@leelacorp.com Mob: +91-9724216384

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition

Name	CAS #	% by Weight
LEEPOL™ 980	9003-01-4	0.1-0.5%

Toxicological data on Ingredients Not applicable

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3. HAZARDS IDENTIFICATION

Acute Health Effects

Powder / dust eye irritation is a physical, not a chemical effect.
Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation.
Dust inhalation may cause coughing, mucous production and shortness of breath.

Chronic Health Effects

Contact dermatitis may occur in individuals under extreme condition of prolonged and repeated contact, high exposure and temperature, and occlusion by clothing

Routes Of Exposure/Entry

Eyes, Skin contact, inhalation, ingestion.

Target Organs

Respiratory System, Skin.

Medical Conditions Aggravated by Exposure

Pre-existing respiratory disease(s) & skin problems may be aggravated by prolonged or repeated inhalation of airborne dust.

4. FIRST AID MEASURES

Skin Contact : Wash the affected area thoroughly with plenty of water and soap.

Eye Contact : Immediately flush eyes with running clean water for 15 minutes; keeping eyes open. Cold water may be used.

Inhalation : Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Ingestion : No ingestion effects known. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability of the product : May be combustible at high temperature.

Auto-Ignition Temperature : 520° C

Flash Point : Not available

Product of Combustion : Not available

Fire Hazards in Presence of various Substances : Not available

Fire Fighting Media and Instructions : SMALL FIRE : Use DRY chemical powder.
LARGE FIRE : Use water spray, fog or foam.

Special Remarks on Fire/ Explosion Hazards : Not available.

6. ACCIDENTAL RELEASE MEASURES

Small Spill :

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill :

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spraying water on the contaminated surface and allow the evacuate through the sanitary system.

7. HANDLING AND STORAGE

Precautions :

Keep away from heat. Keep away from source of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breath dust. Wear suitable protecting clothing in case of insufficient ventilation, wear suitable respiratory equipment if you feel unwell, seek medical attention and show the lable when possible.

Storage :

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Technical protective measures</u>	: use proper earthing techniques on all equipment.
<u>Exposure control limits</u>	: none.
<u>Respiratory protection</u>	: use dust masks.
<u>Hand protection</u>	: use gloves from anti-static material
<u>Eye protection</u>	: wear suitable safety glasses. Do not wear contact lenses.
<u>Skin protection</u>	: wear overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Powder
Appearance/Colour	: White
Odor	: Slight acetic
Solubility (In Water)	: Appreciable
pH Value	: 2.5 – 3.0 @ 1% in water

Boiling range	:	Not Applicable
Vapor Pressure (mmHg)	:	Not Applicable
Melting Point	:	Not Available
Evaporation Rate	:	Not Volatile
Solubility in water	:	Appreciable
Vapor Density	:	Not Volatile
Partition Coefficient	:	Not Available
% Volatile Weight	:	(moisture) < 2.0%

10. STABILITY AND REACTIVITY

<u>Stability</u>	:	This product is stable.
<u>Incompatibility with other Materials</u>	:	Heat may be generated if polymer comes in contact with strong basic materials such as ammonia, sodium hydroxide, potassium hydroxide or strongly basic amines.
<u>Hazardous Polymerization</u>	:	Hazardous polymerization will not occur.
<u>Hazardous decomposition products</u>	:	Carbon Monoxide, Carbon Dioxide, Hydrocarbons and Irritating vapors.

11. TOXICOLOGICAL INFORMATION

<u>Route</u>	:	Exposures and Dose
Oral	:	Rat LD50 > 5000. Mg/kg.
Skin	:	Rabbit LD50 > 5000. Mg/kg.
Chronic oral Toxicity	:	No Significant effects

12. ECOLOGICAL INFORMATION

This product is not biodegradable; do not inhibit waste treatment bacteria; and do not pass through typical wastewater treatment to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of this product is not known to be defined or desingated as hazardous. Land disposal must be in closed containers.



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14. TRANSPORT INFORMATION

Not a dangerous good within the meaning of transportation regulations.

15. REGULATORY INFORMATION

Requires labeling

Hazardous component(s) for labeling

Contains : Acrylic polymer

16. OTHER INFORMATION

Miscellaneous information : None

References

Relevant manuals and publications

Own examinations

Toxicological and Eco toxicological studies

- A. The information set forth herein has been gathered from standard reference materials and / or **THE LEELA CORPORATION** test data.
- B. 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.
- C. It should not therefore be construed as guaranteeing specific properties.
- D. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.
- E. Safe handling and use remain the responsibility of the customer.

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