



The Leela Corporation

ISO 9001 : 2015 (QMS)  
Certified Company



ISO 14001 : 2015 (EMS)  
Certified Company

**Leepol™ Carbomers | Leepol™ Coats | Leepol™ HCO**  
Acids | Chemicals | Solvents | Dyes | Pigments | APIs  
Hazardous Waste Management



TM

## MATERIAL SAFETY DATA SHEET

## THE LEELA CORPORATION

### LEEPOL™ ET-1

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Prepared according to 29CFR  
1910.2000

### Section 1 Chemical Product and Company Identification

#### THE LEELA CORPORATION

F2, Mangalam Nirwana 2,  
B/h Umiya Campus, Sola,  
Ahmedabad – 380060  
Gujarat, India

Product Trade Name	LEEPOL™ ET-1
INCI Name	Acrylates Copolymer
Chemical Name	Not Available
CAS Number	Proprietary
Product Type	Not applicable
Transportation Emergency	FOR TRANSPORT EMERGENCY call Mr. Ujas Patel Phone No. +91 9724216384
MSDS No.	MSDS/TLC/ET-1/21-22

### Section 2 Composition / Information on ingredients

**Chemical Composition** : Acrylates Copolymer  
**H.S. CODE** : 3906.9090

Name	CAS Number	Percent by Weight	Exposure Limit
Water	7732-18-5	70%	--
Polymer / Solid	Proprietary	30%	--

## THE LEELA HOUSE

F/2 Mangalam Nirvana- 2, Behind Umiya Campus, Sola, S. G Highway, Ahmedabad-380060, Gujarat, INDIA

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<b>Section 3</b>	<b>Hazards Identification</b>
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Physical state : Liquid  
 Emergency Overview : CAUSTION  
 Route of Entry : Eye contact, Skin contact, Inhalation, Ingestion.

Potential acute Health Effect

Eye : Vapour or direct eye contact may cause irritation. Avoid eye contact.  
 Skin : Repeat or prolong skin contact may cause irritation. Avoid skin contact.  
 Inhalation : Avoid Inhalation  
 Ingestion : Ingestion may cause irritation DO NOT ingest.

See Toxicological Information (section 11)

<b>Section 4</b>	<b>First Aid Measures</b>
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Ingestion : DO NOT INDUCE VOMITING.  
 Get Immediate medical attention.

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 from the eye using only water.

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.

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 Applicable
Flash Point	:	Not Applicable
Flammable Limit	:	Not Applicable
Product of Combustion	:	Not know for the product as delivered (water solution)
Fire Hazards in presence of Various substances	:	This product is not known to present any fire hazards.
Explosive hazards in presence of Various substances	:	This product is not known to present any fire 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 Procedure	:	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 can & Explosion Hazards form an explosive organic dust air mixture.

See section 10 for additional information.

<b>Section 6</b>	<b>Accidental Release Measures</b>
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Spill Procedures	:	Contain spill. 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 reuse. 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.
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Leepol™ 934 | 940 | 980 | 934P | Acids | Chemicals  
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<b>Section 7</b>	<b>Handling and Storage</b>
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Handling Procedures : Avoid eye contact. Avoid prolonged skin contact. Avoid Inhalation Of aerosol, mist, spray, fumes or vapour. Wash thoroughly after Handling this product. Always wash up before eating, smoking or Using the facilities. Use under well ventilated condition. Minimize Contact with air to reduce contamination with mold; fungus or Other organisms which could cause contamination.

Storage : Keep container tightly dosed when not in use. Do not open Unlabeled or mislabeled containers. Do not freeze. Store in cool, Dry and well ventilated location .

<b>Section 8</b>	<b>Exposure Controls/ Personal Protection</b>
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Engineering control : If use generates a dust, local exhaust ventilation is recommended. 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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Physical state and Appearance	:	Liquid
Color	:	Milky
Odor	:	Acrylate (Slightly)
Taste	:	Not available
pH (1% saln/water)	:	2.2-3.8
Boiling / condensation point	:	100°C
Melting / Freezing point	:	Not available
Critical Temperature	:	Not available
Specific gravity	:	1.0-1.1
Vapour pressure	:	2.7 kPa
Vapour density	:	Lighter than air
Volatility	:	70% (w/w)
Odor threshold	:	Not available
Evaporation Rate	:	Slower than n-Butyl acetate
VOC	:	< 50ppm
Viscosity	:	Not available
Solubility	:	Dilutable

<b>Section 10</b>	<b>Stability and Reactivity</b>
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Stability	:	The product is stable.
Condition for instability	:	Not Available
Incompatibility	:	Not specific incompatibilities
Remarks on Reactivity	:	None
Hazardous decomposition	:	After water evaporated, decomposition or combustion of the dry Solids may generate irritating vapors, CO, CO <sub>2</sub> , acrylate monomers and hydrocarbons.
Hazardous Polymerization	:	Will not occur.

<b>Section 11</b>	<b>Toxicological Information</b>
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Special remarks on Toxicity to Animal	:	Not Available
Chronic Effect on Human	:	CARCINOGENIC EFFECTS: Not Available MUTAGENIC EFFECTS: Not Available TERATOGENIC EFFECTS: Not Available DEVELOPMENTAL TOXICITY: Not Available
Other toxic effect on Humans	:	Not Available





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<b>Section 12</b>	<b>Ecological Information</b>
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Freshwater Fish Toxicity : The acute LC<sub>50</sub> is 100-1000 mg/L based on literature.  
 Freshwater Invertebrate Toxicity : The acute EC<sub>50</sub> is 100-1000 mg/L based on literature.

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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Waste Disposal : For waste disposable purposes, a liquid with a pH between 2.1 and 12.4 is not defined by the current provision of the federal (EPA) and resource conservation and recovery act (RCRA, 40 CFR 261)

<b>Section 14</b>	<b>Transport Information</b>
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Pack Size: 20 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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**U.S. Federal Regulations :**

SARA 302/304/311/312 extremely hazardous substance : No product were found  
 SARA 302/304 emergency planning and notification : No products were found  
 SARA 302/304/311/312 hazardous chemicals : No products were found  
 SARA 311/312 MSDS distribution-chemical inventory : No products were found  
 - hazard identification  
 State Regulations : No products were found

Hazardous material information system:

Health	1
Fire Hazard	0
Reactivity	0
Personal protection	X



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## Section 16

## OTHER INFORMATION

Miscellaneous information: None

References: Relevant manuals and publications

Own examinations Toxicological and Eco toxicological studies.

The information set forth herein has been gathered from standard reference materials and / or **THE LEELA CORPORATION** 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.

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