

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name/Description: Novacryl LP Series
Company: Nova Polymers, Inc.
8 Evans St., Fairfield, NJ 07007
Telephone: 1-888-486-6682
Emergency Phone Number: ChemTel – 1-800-255-3924

Section 2: Hazard Identification



Eye, skin, and respiratory tract irritant.

Emergency Overview: WARNING; MAY CAUSE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION

Hazard Statement(s):

H228 Flammable Solid
H242 Heating may cause fire
H305 May be harmful if swallowed
H313 May be harmful in contact with skin
H317 May cause an allergic skin irritation
H320 May cause eye irritation
H333 May be harmful if inhaled
H335 May cause respiratory irritation

Precautionary Statement(s):

P235 Keep cool
P264 Wash thoroughly after handling
P281 Use PPE as required
P285 In case of inadequate ventilation wear respiratory protection
P410 Protect from sunlight

Potential health effects

Primary routes of exposure: None for product as sold. From cutting or grinding, fine dust or particles may be encountered

Effects of acute overexposure:

Eyes: Dust or particles from cutting or grinding may cause irritation, redness, tearing, and blurred vision.

Skin: Solid sheet may be abrasive to or cut skin. Dust or particles from cutting or grinding may cause minor skin irritation.

Breathing: None for product as sold. Dust or particles from cutting or grinding may produce respiratory irritation. Asthmatic and bronchial conditions may be aggravated.

Swallowing: Not an expected route of entry.

Effects of Chronic Overexposure:

No known effects in the absence of animal studies.

Carcinogen Status:

Not listed (NTP, IARC, EPA) as a known carcinogen.

Section 3: Composition/Information on Ingredients

Common Name	C.A.S. No.	%	PEL	TLV	Notes
Methacrylic Acid	79-41-4	<.015%		20 mg/m ³	(1)
Methanol	67-56-1	<.2%	260 mg/m ³	260 mg/m ³	(2)
Cellulose	9004-34-6	15-80%	TWA 15 mg/m ³ (Total) TWA 5 mg/m ³ (Resp.)		(3)
Formaldehyde Resins	NA	5-45%			(4)
Release Paper	NA	5-15%			(4)
Acrylic Adhesive	NA	1-10%			(4)
Polyester Carrier Film	25038-59-9	.05-2%			(4)

Notes:

(1) PEL not established for this material.

(2) ACGIH/OSHA Short-Term Exposure Limit (STEL) for methanol is 250 ppm, 328 mg/m³.
NIOSH recommends a Short-Term Exposure Limit of 250 ppm, 328 mg/m³.

(3) NIOSH recommends REL of TWA 10mg/m³(total) TWA 5 mg/m³(resp.)

(4) The other ingredients are not classified as hazardous.

Section 4: First Aid Measures

Skin: Solid sheet may be abrasive to skin and if not handled properly can cause breaking of skin. Cutting or grinding of material may produce fine particles that may cause minor skin irritation. Certain pre-existing skin conditions may be aggravated. Wash with soap and warm water. If skin irritation persists, consult a physician.

Eyes: Cutting or grinding of material may produce dust or fine particles that may be irritating to the eyes. Rinse eyes with warm water for 15 minutes if irritation occurs. If irritation continues, consult a physician.

Ingestion: Not an expected route of entry via normal use.

Breathing: Cutting or grinding of material may produce dust or fine particles that may be irritating to the respiratory tract. If irritation persists, consult a physician.

Carcinogen Status: Not listed (NTP, IARC, EPA) as a known carcinogen.

Section 5: Fire-Fighting Measures

Flash point: N/A

Flammable limits: N/A

Extinguishing Media: Regular Foam or Water Fog or CO₂ or Dry Chemical

Hazards during fire-fighting: May form toxic substances: Carbon monoxide, carbon dioxide, and various hydrocarbons.

Protective equipment for fire-fighting: Wear self-contained breathing apparatus with full face-piece operated in the positive pressure demand mode when fighting fires as well as full cover impervious clothing

Section 6: Accidental Release Measures

Steps to be taken in the event material is released or spilled: Material is solid and cannot be “spilled.” In the event material is “spilled”, utilize safe work practices to address. Utilize proper PPE to reduce likelihood of cuts/abrasions.

Section 7: Handling and Storage

No specific usage precautions are required. Adhere to good hygiene practices. Protect exposed skin from abrasions and cuts. Minimize accumulation of dust or fine particles. Routine good housekeeping measures should be initiated to ensure that dust or particles do not accumulate on surfaces. Store in a dry, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection: If workplace exposure limit (s) of product or any component is exceeded () a NIOSH/MSHA respirator (negative pressure type) should be donned under specified conditions. An organic vapor respirator should be used for protection if exposures are excessive during processing, or handling of the product.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV (s).

Protective Gloves: Wear rubber or vinyl gloves.

Eye Protection: Safety glasses with side shields or appropriate goggles are recommended.

Other Protective Equipment: Normal work clothing covering arms and legs for work with the product. Use of long-sleeved shirts, buttoned to fit loosely at the neck and wrist, long pants, and good personal hygiene will maximize comfort and protection where excessive handling is conducted. Barrier creams may also be used to fill up pores in the skin to prevent irritation and itching when the skinned is scratched or rubbed.

Section 9: Physical and Chemical Properties

Boiling Point: N/A

Melting Point: 110°C

Vapor Pressure: N/A

Vapor Density: (air=1) N/A

Specific Gravity: (H₂O=1) 1.2 (68F)

Solubility in water: 5 -10%

Appearance and Odor: Solid, rigid, various colors and dimensions. Slightly sweet odor.

Section 10: Stability and Reactivity

Hazardous Polymerization: Will not occur

Stability: Product is stable.

Incompatibility: May react with strong oxidizing agents.

Section 11: Toxicological Information

Acute Toxicity

Ingestion: Single dose oral LD50 has not been determined.

Typical for this type of material. Estimated LD50, Mouse - 3.5 g/kg

Skin Absorption

The dermal LD50 has not been determined.

Typical for this type of material. Estimated LD50, Rabbit >2,000 mg/kg

Inhalation

The LC50 has not been determined.

Repeated Dose Toxicity

Ingredients are encapsulated in the product and are not expected to be released under normal use conditions.

Carcinogenicity: Not listed (NTP, IARC, EPA) as a known carcinogen.

Reproductive Toxicity: Not a reproductive toxicant.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, pneumonitis.

Section 12: Ecological Information

Movement/Partitioning: In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.

Persistence/Degradability: This solid is expected to be inert in the environment. Surface photodegradation is expected with prolonged exposure to sunlight. No appreciable biodegradation is expected.

Ecotoxicity: Not expected to be acutely toxic but material may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

Section 13: Disposal Considerations

Not classified as a hazardous waste. Observe all federal, state, and local environmental regulations.

Section 14: Transport Information

IMDG/IMO: Not regulated

RID: Not regulated

ADR: Not regulated

ICAO: Not regulated

IATA: Not regulated

DOT: Not regulated

TDG: Not regulated

MEX: Not regulated

Section 15: Regulatory Information

SARA 311/312 Hazardous Categorization

This product does contain an ingredient (methanol) that is subject to SARA 311/312 reporting requirements.

SARA 313

A component of this product (methanol) is subject to the reporting requirements of SARA 313.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does contain an ingredient (methanol) that is a Hazardous Air Pollutant (HAP).

Section 16: Other Information

HMIS III rating:

Health: 0 Flammability: 1 Reactivity: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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