21 October 2017

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name/Description: Novacryl EX
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

WARNING

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: This material is generally low risk, when used as prescribed. Health effects may include mild to moderate irritation of the affected part of the body.

Eyes: Eye contact with the resin will cause burning and extreme irritation.

Skin: Skin contact with the resin may cause irritation.

Breathing: Most constituents of this product are not volatile and will not normally cause inhalation problems when used as prescribed. Inhalation of dust or fumes from this product may cause respiratory irritation. This irritation usually subsides upon termination of exposure.

Swallowing: Ingestion of large amounts of the product will cause gastrointestinal distress. Ingestion may cause inflammation of the upper gastrointestinal tract.

Effects of Chronic Overexposure:

Local irritation is possible. Product is generally a low hazard material.

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
Copolymers	N/A	45-70%			(1)
Tertiary Amine	Proprietary	4-8%			(1)
2,6 Di-t-butyl p-cresol	128-37-0	<1%	10 mg/m³	10 mg/m³	
Ethoxylated phenol	9004-78-8	<6%			(1)
Monomers/initiators	Proprietary	20-35%			(1)

Notes:
(1) PEL not established for this material.

Section 4: First Aid Measures

Skin: If contact with skin results in irritation, immediately wash affected area with warm running water. Remove contaminated clothing. If any symptoms of irritation persist, seek immediate medical attention.

Eyes: If in eyes, flush with running water for 15 minutes. If irritation persists seek medical attention.

Ingestion: Not an expected route of entry via normal use. However, if the chemical is swallowed, seek immediate medical attention. If immediate medical attention is not available, give large quantities of water and induce vomiting if victim is conscience.

Breathing: If vapors or fumes emitted from product are inhaled and cause irritation, immediately remove victim to fresh air.

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, Halon, CO_2 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: For incidental releases, use personal protective equipment such as rubber gloves, coveralls, and splash goggles or safety glasses. Uncontrolled or large releases should be responded to by trained personnel using pre-determined procedures. In the event of a large release, clear area, protect the people, and respond with properly trained personnel.

Section 7: Handling and Storage

Avoid getting chemicals on you or in you. Wash hands after handling any chemicals. Do not eat or drink while handling chemicals. Discard packaging material per local requirements as they may be contaminated with resin. Store in properly labeled, closed packaging in a cool, dry location. Avoid exposure to ultraviolet light.

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: Not available

Melting Point: Not available

Vapor Pressure: N/A

Vapor Density: (air=1) N/A

Specific Gravity: (H_2O=1) 1.0

Solubility in water: 15-20%

Appearance and Odor: Colorless coating on a metal substrate. It has a distinct, penetrating odor.

Section 10: Stability and Reactivity

Hazardous Polymerization: Ultraviolet light will cause this material to polymerize. Such a reaction is expected and will not be hazardous when performed in the prescribed manner.

Stability: Product is stable.

Incompatibility: May react with strong oxidizing agents and reducers. Avoid accidental exposure to ultraviolet light, extreme heat, and incompatible materials.

Section 11: Toxicological Information

Reproductive Toxicity Information: Below are the potential reproductive effects which may occur after exposure to this product.

Mutagenicity: There is no data currently available; this resin is not expected to cause fetal toxicity problems related to mutagenicity.

Teratogenicity: There is no data currently available; this resin is not expected to cause any fetal toxicity problems related to teratogenicity.

Reproductive Toxicity: There is no data currently available; this resin is not expected to have an adverse effect on male or female reproductive system or to cause any fetal toxicity issues.

LD50: Species and route; no data currently available.

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: No data is currently available on the effects of this product on plants or animals. Studies conducted on rats show this product to be of low toxicity. No data is currently available on the effects of this product on aquatic life.

Section 13: Disposal Considerations

Not classified as a hazardous waste. Observe all federal, state, and local environmental regulations. Plate processor effluent may be discharged to municipal or industrial wastewater treatment facilities, only under the authority of local wastewater agencies.

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 313

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

Marine Pollutant

This product contains no chemicals that have been designated as Marine Pollutants by the Department of Transportation.

California Proposition 65

No components of this product are on the California Proposition 65 lists.

State Regulatory Information:

Alaska – Designated Toxic and Hazardous Substances – 2,6-di-t-butyl cresol
California – Permissible Exposure Limits - 2,6-di-t-butyl cresol
Florida – Substance List - 2,6-di-t-butyl cresol
Kansas – Section 302/313 – None
Massachusetts – Substance List - 2,6-di-t-butyl cresol
Minnesota – List of Hazardous Substances - 2,6-di-t-butyl cresol
Missouri – Toxic Substance List - 2,6-di-t-butyl cresol
New Jersey – Right to Know - 2,6-di-t-butyl cresol
North Dakota – List of Hazardous Chemicals – RQ – None

Pennsylvania – Hazardous Substance – None
Rhode Island – Hazardous Substance List - 2,6-di-t-butyl cresol
Texas – Hazardous Substance List – None
West Virginia – Hazardous Substance List – None
Wisconsin – Toxic and Hazardous Substances - None

Section 16: Other Information

HMIS III rating:

Health: 2 Flammability: 0 Reactivity: 1

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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