

Material Safety Data Sheet

Product Name: Elements Gel

Chemical Family: NA \

Company's Name: *Le Chat Nail Care Products R&D*
Address: *228 Linus Pauling Drive, Hercules, CA 94547*
Business Telephone: *(510)741-9998*

Emergency Telephone: *(800)535-5053 Infotrac*

Section 2: Hazardous Ingredients

Chemical Identity	Cas No.	EINECS #	INCI Name	Exposure Limits	Carcinogen	Wt.
				OSHA / ACGIH TWA/STEL	IARC/NTP/OSHA	
Urethane Acrylate Oligomer	NE	NE	NE	NE	not listed	>80%
d-Camphoroquinone	2767-84-2	220-446-1	NE	NE	not listed	<2%
Photoinitiator	119-61-9	204-337-6	Benzophenone	NE	not listed	<5%
Titanium Oxide	13463-67-7	NE	77891	NE	not listed	<10%
Other Pigment	NE	NE	NE	NE	not listed	<3%

N/E - None Established N/R - Not Reviewed N/DA - No Data Available N/A - Not Applicable

Hazard Symbols: N/DA

Risk phrases: R20

Safety phrases: S24/25, S28A, S37, S45

Section 3: Harzards Identification

Emergency Overview

- * May be slightly toxic
- * May cause chemical burn in eye
- * May cause moderate skin injury (reddening & swelling)

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: No specific information available

Eye: No specific information available. Contact may cause slight transient irritation.

Skin: No specific information available. Contains materials that may cause moderate skin injury (reddening & swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.

Ingestion: No specific information available. Contains materials that may be practically nontoxic

Inhalation: No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be irritating

Sub-Chronic Effects: No specific information available. Limited tests showed no evidence of teratogenicity in animals.

A life time skin painting study with mice showed no evidence of carcinogenicity

Section 4: First Aid Procedures

Eye contact: Flush eyes with a large amount of water for at least 15 minutes, including under eyelids. Seek medical attention

Skin contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

Inhalation: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped administer artificial respiration and seek medical attention.

Ingestion: If swallow large amount, seek medical attention immediately.

Section 5: Fire Fighting Measures

Flash Point (°F/°C)	Flammabile Limit (Vol %)	Auto-ignition Temperature (Vol %)
.212 °F/ 100°C Setaflash	N/DA	N/DA

Extinguishing Media : (x) CO2 (x) Dry Chemical for small fire. Use (x) Aqueous foam (x) Water for large fire

Special Fire Fighting Procedures:

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Fire and Explosion Hazards:

High temperature and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or container
Avoid the use of a stream of water to control fires since frothing can occur.

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Section 6: Accidental Release Measures

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Absorb with inert material and dispose. Flush area with water, prevent washing from entering waterways

Section 7: Handling & Storage

Handling: Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts, and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

Storage: Store in cool, dry place away from heat and direct sunlight. Store at temperature below 100 °F

Section 8: Exposure Controls & Personal Protective Equipment

General: For operations where contact can occur, use a face shield, impervious body covering and boots. A safety shower and eye wash facility should be available

Eye & Face protection: Chemical splash goggles

Skin Protection: Impervious gloves (Neoprene)

Respiratory Protection: When exposed to aerosols or vapors, use full face organic vapor cartridge respirator with particulate pre-filter.

Section 9: Physical & Chemical Property

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear viscous gel	characteristic acrylate odor	N/A	(H2O=1) : 1.15	N/DA	by volume :<0.5

Boiling Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility in Water (20 °C)
N/A	N/A	N/A	(mm Hg)@ 20 °C<0.01	No Data	No Data	No Data	Insoluble

Section 10: Stability & Reactivity

Stability: Stable

Hazardous Decomposition Products Fumes produced when heated to decomposition may include: CO, CO2

Conditions to Avoid: Storage >100°F, expose to light, loss of polymerization inhibitor, contamination with incompatible materials

Incompatibility (material to avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases

Hazardous Polymerization: May occur, uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Section 11: Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Sub-Chronic Toxicity
N/DA	N/DA	N/DA	N/DA
Irritation - Skin	Irritation - Eye	Sensitization	Mutagenicity
N/DA	N/DA	N/DA	N/DA

Section 12: Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity To Algae	Acute Toxicity To Invertebrates	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

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Biodegradability	Chemical Oxygen Demand
N/DA	N/DA

Section 13: Disposable Concentrations

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulation. Material may be incinerated or use biological treatment in accordance with federal, state, and local regulations.

Section 14: Transportation Information

DOT/UN shipping name: Non-hazardous, not regulated

Section 15: Other Information

Hazardous Rating System

NFPA: Health (2) Flammability (1) Reactivity (2)

HMIS: Health (2) Flammability (1) Reactivity (2)

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