

# Material Safety Data Sheet

## Section 1: Identification

### **Product Name: Glace UV Topcoat**

Chemical Family:

Company's Name: *Le Chat Nail Care Products R&D*  
Address: *232 South 1st. Street, Richmond, CA 94804*  
Business Telephone: *(510)232-0999* Emergency Telephone: *(800)535-5053*

## Section 2: Hazardous Ingredients

Chemical Identity	Cas No.	EINECS #	INCI Name	Exposure Limits	Carcinogen	Wt
				OSHA / ACGIH		
				TWA/STEL	IARC/NTP/OSHA	
Isobutyl Acetate	110-19-0	NE	Isobutyl Acetate	150 ppm	150 ppm	<50
Ethyl Acetate	141-78-6	NE	Ethyl Acetate	400 ppm	400 ppm	<40
Hydroxy Propyl Cellulose	9004-64-2	NE	Hydroxy Propyl Cellulose	NE	NE	<20
Methyl Ethyl Ketone	78-93-3	NE	Methyl Ethyl Ketone	200 ppm	200 ppm	<5
Xylene	1330-20-7	NE	Xylene	100 ppm	100 ppm	<1
Benzophenone	119-61-9	NE	Benzophenone	NE	NE	<1

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 eye irritation
- \* Flammable liquid and vapor
- \* May cause skin irritation
- \* Avoid Prolonged or repeated breathing of gases, vapors, mists

### ***Potential Health Effects, Signs and Symptons of Exposure:***

Primary Route of Entry: No specific information available

Eye: Exposure causes eye irritation, Symptoms include stinging, tearing, redness and swelling

Skin: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptons may include redness, burning, drying, cracking and skin burns.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amount may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation: Vapor and mist are irritating to mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amount may be harmful. Symptons usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects: May cause headaches, nausea, vomitting and narcotic effect if over-exposed.

## Section 4: First Aid Procedures

Eye contact: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes with a large amount of water for at least 15 minutes, including under eyelids. If symtoms persist or there is any visual difficulty, Seek medical attention

Skin contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. If symtoms persist or there is any visual difficulty, Seek medical attention

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 %)
TAG Closed: 68 °F	400 ppm	750 °F - 900 °F

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Extinguishing Media : (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. Use water with caution. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Fire and Explosion Hazards: Flammable. When exposed to heat and flame, material is a fire explosive hazard. It may produce toxic products CO, carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapor may travel a considerable distance to source of ignition and flask back. Prevent buildup of vapors or gases to explosive concentration.

### 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:

Storage:

### 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	Color & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear viscous gel	Characteristic acrylate odor	N/A	(H <sub>2</sub> O=1) : 1.15	N/DA	by volume : <0.5

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

### Section 10: Stability & Reactivity

Stability: Stable

Incompatibility (material to avoid): Polymerization initiators

Hazardous Decomposition Products: Fumes produced when heated including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases

Conditions to Avoid: Storage >100°F, expose to light, loss of polymerization inhibitor, contamination with incompatible materials may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Hazardous Polymerization: May occur, uncontrolled polymerization

### 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

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### Section 12: Ecological Information

#### Ecotoxicological Information

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

#### Chemical Fate Information

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: Regulatory Information

#### U.S. Federal Regulation:

Clean Air Act: HAP/ODS	Benzophenone CAS #119-61-9 (HAP) No ODS
Clean Water Act: HS/Priority Pollutant	This product does not contains any chemical listed under the U.S. Clean Water Act Priority Pollutant List
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety & Health Act	This product does not contains hazardous chemical under the OSHA Hazardous Communication Standard. Its hazards are: Immediate ( acute) health hazard Reactive hazard Fire hazard
RCRA	This product contains no chemicals considered to be hazardous waste under RCRA ( 40 CFR 261)
SARA Title III: Section 302	This product contains no chemicals regulated under section 302 as extremely hazardous substances.
SARA Title III: Section 304	This product contains no chemicals regulated under section 304 as extremely hazardous chemicals for emergency release notification (CERCLA List)
SARA Title III: Section 311-312	This product contains hazardous substance under OSHA Hazardous Communication Standard and is regulated under section 311-312 (40 CFR 370) Its hazards are: None Immediate ( acute) health hazard: None Reactive hazard Delay (chronic) health hazard
SARA Title III: Section 313:	None
TSCA Sectin 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirement.

#### State Regulation:

CA Proposition 65	Methyl Methacrylate CAS No. 80-62-6
MA Right-to-Know law	Methyl Methacrylate CAS No. 80-62-6
NJ Right-to-Know law	Methyl Methacrylate CAS No. 80-62-6
PA Right-to-Know law	Methyl Methacrylate CAS No. 80-62-6
FLRight-to-Know law	Methyl Methacrylate CAS No. 80-62-6

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MN Right-to-Know law	Benzophenone CAS119-61-9 Methyl Methacrylate CAS No. 80-62-6
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### **International Regulation:**

CDSL: Canadian Inventory	Benzophenone CAS119-61-9 Methyl Methacrylate CAS No. 80-62-6
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EINECS: European Inventory:	Hazard symbol: N/DA Risk Phrases: R20 Harmful by inhalation Safety Phrases: S24/25 Avoid contact with skin and eyes. S28A After contact with skin, wash immediately with plenty of water, S37 Wear suitable protective gloves, S45 In case of accident, or if you feel unwell, seek medical attention immediately.
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### **Section 16: Other Information**

Hazardous Rating System	NFPA: Health (2) Flammability (1) Reactivity (2)
	HMIS: Health (2) Flammability (1) Reactivity (2)

Update: 1/1/2003

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