

# Material Safety Data Sheet

## Product Name: Color Gel #502 White

Chemical Family: NA

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 Infotrac*

## Section 2: Hazardous Ingredients

| Chemical Identity           | Cas No.    | EINECS #  | INCI Name    | Exposure Limits  |                   | Carcinogen |
|-----------------------------|------------|-----------|--------------|------------------|-------------------|------------|
|                             |            |           |              | OSHA<br>TWA/STEL | ACGIH<br>TWA/STEL |            |
| Acrylic Oligomer            | NE         | NE        | NE           | NE               | NE                | not listed |
| d-Camphoroquinone           | 2767-84-2  | 220-446-1 | NE           | NE               | NE                | not listed |
| Photoinitiator              | 119-61-9   | 204-337-6 | Benzophenone | NE               | NE                | not listed |
| 2-Hydroxyethyl Methacrylate | 868-77-9   | NE        | NE           | NE               | NE                | not listed |
| Titanium Oxide              | 13463-67-7 | NE        | 77891        | NE               | NE                | not listed |
|                             |            |           |              |                  |                   |            |

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 Symptons 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<br>(°F/°C)   | Flammabale Limit<br>(Vol %) | Auto-ignition Temperature<br>(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

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

| Boiling Point<br>Freezing Point | Decomposition<br>Temperature | Octanol/Water<br>Partitioning<br>Coefficient | Vapor<br>Pressure       | Vapor<br>Density | Evaporation<br>Rate | Ignition | Solubility<br>in Water<br>(20 °C) |
|---------------------------------|------------------------------|----------------------------------------------|-------------------------|------------------|---------------------|----------|-----------------------------------|
| N/A                             | N/A                          | N/A                                          | (mm Hg)/@<br>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      | Sensitiztion              | Mutagenicity         |
| N/DA                | N/DA                  | N/DA                      | N/DA                 |

## Section 12: Ecological Information

Ecotoxicological Information

| Acute Toxicity<br>To Fish | Acute Toxicity<br>To Algae | Acute Toxicity<br>To Invertebrates | Bioconcentration | Toxicity to Sewage Bacteria |
|---------------------------|----------------------------|------------------------------------|------------------|-----------------------------|
| N/DA                      | N/DA                       | N/DA                               | N/DA             | N/DA                        |

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### Chemical Fate Information

| <b>Biodegradability</b> | <b>Chemical Oxygen Demand</b> |
|-------------------------|-------------------------------|
| 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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