

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION I - IDENTIFICATIONS

January 31, 2004

Manufacturer's Name: **Le Chat Nail Care Products R&D**

Business Telephone: (510)232-0999

Address: 228 Linus Pauling Drive, Hercules, CA 94547

Emergency Telephone: (800)535-5053

Chemical Name: **Nail Lacquer**

Chemical Family: **Cellulose Acetate Butyrate Lacquer**

Trade Name: **Top Secret**

### HMIS HAZARD CLASS

Health = 1

Flammability = 3

Reactivity = 0

HMIS Key: 0 = Least 1 = Light

2 = Moderate 3 = High

4 = Extreme

## SECTION II - HAZARDOUS INGREDIENTS

<u>Material</u>	<u>Percentage</u>	<u>Cas No.</u>	<u>INCI Name</u>	<u>TLV/PEL</u>	<u>Vapor Pressure</u>
Ethyl Acetate	40-50%	141-78-6		400 PPM	86 @ 20°C
Isopropyl Alcohol	10-20%	67-63-0		400 PPM	32 @ 20°C
N-Butyl Acetate	10-20%	123-86-4		150 PPM	8.4 @ 20°C
Nitrocellulose	<1%	9004-70-0		Not Established	
Heptane	<1%	142-82-5		500 PPM	119 @ 100°F

## SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Range : 171°F - 228°F

Specific Gravity (H<sub>2</sub>O=1): 7.555 lb/gl

Vapor Density: Heavier than Air

Evaporation Rate (n-butyl = 1 ): >1

Coating V.O.C.: 4.85 lb/gl

Material V.O.C.: 4.82 lb/gl

Solubility in Water: Moderate

Appearance and Odor: Transparent Viscous Liquid with Sweet Ester Odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup F): 24° F

Method Used: TCC

Flammable Limits: 1 LEL 12 UEL

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL.

**SPECIAL FIRE FIGHTING PROCEDURES:** Fight fires from a safe distance. Self-contained breathing apparatus should be used. Use water to keep fire-exposed containers cool. Avoid Spreading burning material with water.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Vapor is heavier than air and can travel considerable distance to a source of ignition and flashback, This material creates a special hazard because it floats on water. This material is flammable and may be ignited by heat, Sparks, flame or Static electricity.

## SECTION V - HEALTH HAZARD DATA

**EYE-CONTACT:** This product may cause eye irritation. Direct Contact with this material or exposure to its vapors or mists (greater than approximately 1000 PPM) may cause burning, tearing and redness and swelling.

**SKIN CONTACT:** May cause skin irritation. Prolonged or repeated exposure may cause redness and burning, drying and cracking of the skin and dermatitis. Pre-existing Skin disorders may be more susceptible to the effects of this material.

**INHALATION (BREATHING):** Breathing high concentrations of vapors or mist may cause irritation of the nose and throat. Signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Respiratory symptoms associated with pre-existing lung disorders (e.g., Asthma-like conditions), may be aggravated by exposure.

**INGESTION (SWALLOWING):** Ingestion of excessive quantities may cause irritation of the digestive tract. Signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

**COMMENTS:** No ingredient present in this product is identified as a carcinogen or probable carcinogen by NTP, (ARC or OSHA. Repeated and prolonged occupational overexposure to solvents present in this product with permanent brain and nervous system damage (sometimes referred to as solvent or painters syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

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Product: *Top Secret*

## SECTION VI - REACTIVITY DATA

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Incompatibility (Materials to Avoid): This product is incompatible with strong acids or bases and oxidizers.

Hazardous Decomposition Products: Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>), and Nitrogen Oxides.

Conditions to Avoid: Flame, electric spark, poor ventilation, static charge and excess heat.

## SECTION VII - ENVIRONMENTAL PROTECTION PROCEDURES & PRECAUTIONS

Precaution in case of Release or Spill: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area of spill. Keep out of drains, sewers or waterways. Use sand or other inert material to dam and contain spill. Do not flush with water; use absorbent pads.

Waste Disposal Method: Dispose of product in accordance with local, county, state, and Federal regulations.

Handling and Storage Precautions: Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Ventilation system should be used to insure vapor concentration below TLV. Use explosion-proof equipment.

Respiratory Protection: Use NIOSH/MSHA approved respirator or supplied air equipment in areas of concentrated vapors.

Protective Gloves: Use chemical resistant gloves, if skin contact is anticipated.

Eye Protection: Safety glass, face shield, and splash goggles NIOSH approved to safeguard against potential eye contact.

Work & Personal Hygiene Practices: Do not store near heat, sparks, flames or strong oxidants. Avoid prolonged or repeated contact with skin. Maintain a source of clean water to be available in work area for flushing eyes and skin. Cleanse skin thoroughly after contact, before break and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners or solvents (Acetone or esters) allowed by washing with soap and water.

## SECTION IX - EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Move away from exposure to vapors and into fresh air. If irritation or redness develops, seek medical attention. For direct contact flush the effected eye(s) with clean water for at least 15 minutes. Seek medical attention.

Skin Contact: Remove all contaminated clothing. Cleanse affected areas thoroughly by washing with mild soap and Water. If irritation or redness develops and persists, seek medical attention.

Inhalation (Breathing): If symptoms of exposure develop (see Section V) move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, artificial respirator should be administered by qualified personnel. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): Seek medical attention, if victim is drowsy or unconscious, place on left side with head down. Do not give anything by mouth. If victim is conscious and alert, vomiting should be induced for ingestion of large amount (more than 5 ounces in an adult) preferably with syrup of IPECAC under direction from a physician or poison center. If syrup of IPECAC is not available, vomiting can be induced by giving 3 tablespoons of liquid dish washing soap in a glass of water, or by gently placing 2 fingers in the back of the throat. If possible, do not leave victim unattended.

## SECTION X - SHIPPING INFORMATION

Proper Shipping Name: **Paint**  
Packaging Group: **PG III**

DOT Hazard Class: **3 (Flammable Liquid)**  
UN ID Number: **1263**