

MATERIAL SAFETY DATA SHEET

Star Nail International Cina Nail Art Pens

1. MATERIAL AND COMPANY IDENTIFICATION

Product Name : CINA NAIL ART PENS
ALL COLORS

Company : Star Nail International
29120 Avenue Paine
Valencia CA 91355

Emergency Telephone Number
Chemtel Domestic (24hr) 1-800-255-3924

2. COMPOSITION/INFORMATION HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL NAME	CAS#	% WT	OSHA PEL/TWA	ACGIH TLV/TWA
Propylene Glycol n-Butyl Ether	5131-66-8	5-12	Not Estab.	Not Estab.
Dipropylene Glycol n-Butyl Ether	29911-28-2	1-5	Not Estab.	Not Estab.
Trimethyl Pentanediol Diisobutyrate	6846-50-0	1-3	Not Estab.	Not Estab.
Carbon Black Pigment	1333-86-4	0-5	3.5 mg/cu.m.	3.5 mg/cu.m.
Titanium Dioxide Pigment	13463-67-7	0-15	15 mg/cu.m.*	10 mg/cu.m.*

* Total Dust

3. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 212 to 447 deg.F

GALLON WEIGHT OF

PRODUCT (Lbs/Gal) : 8.97 (typ)

PERCENT VOLATILES

(By Volume) : 75.3 (typ)

SPECIFIC GRAVITY (Water=1) : 1.077 (TYP)

VAPOR PRESSURE: 20.2 mm Hg @ 20 deg.C (calc.)

VAPOR DENSITY: Lighter than air.

EVAPORATION RATE: Slower than Ethyl Ether.

4. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (SFCC) : > 200 deg. F

OSHA FLAMMABILITY CLASSIFICATION: Combustible Liquid - CLASS IIIB

FLAMMABLE LIMITS (calc.) IN AIR: LEL 2.6, UEL 12.5

EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, dry chemical or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: A stream of water could spread fire.

Avoid breathing vapors. Keep personnel removed from and upwind of fire. Wear full protective equipment: Eye/Face Shield, Body (Full Bunker Gear), Respiratory (SCBA) .

UNUSUAL FIRE AND EXPLOSION HAZARDS: Cool fire exposed containers with water spray (fog). Vapors may travel to an ignition source and flash back. Overexposure to decomposition products may cause a health hazard.

5. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Contain spilled product by diking. Eliminate all possible ignition sources. Provide adequate ventilation. Equip emergency responders with appropriate personal protection equipment. Take up spill with an absorbent material and place in non-leaking container. Seal container for proper disposal.

WASTE DISPOSAL METHOD

Do not incinerate closed containers. Dispose of in accordance with local, state, and federal regulations. Do not flush to sewer, watershed or waterway.

6. HEALTH HAZARD DATA:

PRIMARY ROUTES OF ENTRY: Inhalation and skin contact.

CARCINOGENICITY: NTP? NO IARC? Yes* OSHA REGULATED? NO

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: Causes irritation and pain, seen as excess tearing and blinking with marked excess redness and swelling of the conjunctiva.

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SKIN CONTACT: Prolonged and repeated liquid contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis. May be absorbed through the skin.

BREATHING: Vapors or mist may cause irritation to the eyes and respiratory tract. High concentrations may cause headache, dizziness, nausea, vomiting and malaise.

SWALLOWING: May cause irritation of the gastrointestinal tract and may also cause effects resembling those from inhalation of vapor.

TARGET ORGAN EFFECT: Overexposures to Propylene Glycol n-Butyl Ether and Dipropylene Glycol n-Butyl Ether has been suggested as a cause of the following effects in laboratory animals: mild reversible liver effects and mild reversible kidney effects.

Products may contain Titanium Dioxide and Carbon Black pigment:

"Titanium Dioxide component is an IARC Group 2B-Possible carcinogen.

*Carbon Black component is an IARC Group 2B-Possible carcinogen.

7. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Wash immediately with plenty of water for 15 minutes while holding eye lids open. Call a physician.

SKIN CONTACT: Remove any contaminated clothing and wash skin with soap and water thoroughly. If irritation persists, get medical attention.

BREATHING: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

SWALLOWING: Contact physician, medical facility, or poison control center for advice on whether to induce vomiting. If possible, do not leave individual unattended.

8. REACTIVITY DATA:

STABILITY: Stable.

CONDITIONS TO AVOID: None.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents, and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

9. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Avoid prolonged or repeated breathing of vapors, mists and/or dusts. If exposure may or does exceed occupational exposure limits (Section 11) use a NIOSH-approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air purifying respirator with appropriate chemical/mechanical filters.

VENTILATION: If the product is used in a confined area, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s). Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable mixtures will be encountered.

PROTECTIVE GLOVES: Solvent resistant are recommended for prolonged contact.

EYE PROTECTION: Chemical safety splash goggles.

OTHER PROTECTIVE EQUIPMENT: Eye-Wash Station. Safety Shower. Rubber Apron. Chemical Safety Shoes. Protective Clothing.

10. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Read all label cautions. Do not get in eyes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

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