



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: COMPETITION LIQUID

Manufacture: Tres Chic Nails
P.O. Box 24500
Rochester, NY 14624

Telephone Number: 585-247-6060

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Fax Number: 585-429-9897

TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

Infotrac Domestic - 800-535-5053

Infotrac International - 352-323-3500

1. HAZARDOUS INGREDIENTS

| MATERIAL OR COMPONENT: | HAZARD DATA: |
|---|---|
| Methacrylic Acid Ester Monomers and Dimers 98-99% | D. O.T. Flammable Liquid, (N.F.P.A Class I Combustible Liquid) |
| Tertiary Aromatic Amine 1-2% | D.O.T. Poison, Class B |

2. PHYSICAL DATA

| Boiling Point/ 760 MM HG: | Melting Point: | Specific Gravity (H2O=1): | Vapor Pressure: | Vapor Density (AIR=1): | Solubility in H2O, % by Weight: | % Volatiles by Volume: | Evaporation Rate (Butyl Acetate=1): |
|------------------------------|-------------------|---------------------------------|------------------------------|------------------------------|------------------------------------|---------------------------|--|
| 118°C. ± 1°C. (244.4°F.) | N/A | 926 @ 73°F | Approx. 15 MM. Hg. (68°F) | >1 | Not Determined | 86-87 | Greater than 1 (more volatile Comp) |

APPEARANCE AND ODOR: Characteristic Ethyl Methacrylate Monomer odor. Residue has aromatic amine odor.

3. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)

Tagliabue Closed Cup: 16°C (61°F)

FLAMMABLE LIMITS IN AIR, % BY VOL.

LOWER:
Approx. 1.8

UPPER:
Saturation

Method:

Extinguishing Media:

Dry Chemical (preferred), foam, carbon dioxide
(if available in large enough quantity to suppress fire).

Fire Fighting Instructions:

Same procedure as for any highly volatile water-immiscible solvent.

Unusual Fire and

Explosion Hazards:

Vapors are explosive.



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4. HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA

Routes of Exposure:

Inhalation: 8 hour exposure average (monomer) is 50 ppm. (OSHA)
Skin Contact: Contact with skin removes oils by solvent action; Aids in the absorption of aromatic amine (poison) by the skin.
Skin Absorption: Contact with the skin must be avoided. Aromatic amine is readily absorbed through the skin. LD50 (ipr. Mouse): 212 mg/kg
Eye Contact: Avoid splashing into eyes. Very irritating. Wear safety glasses.
Ingestion: *LDLo: (oral, rabbit), monomer only, is 3630 mg/kg
Effects of Overexposure: Causes headache, nausea.
Acute Overexposure: Intoxication, possible rash (rare), severe headache, and nausea.
Chronic Overexposure: Careless handling of any methacrylate ester (monomer) can lead to severe sensitization for susceptible individuals (rare).

*Lowest Published Lethal Dose: The dose at which 50% of a given population is killed.

Emergency and First Aid Procedures:

First Aid for Eye Flush with water for 15 minutes after contact.
First Aid for Skin Remove contaminated clothing. Wash thoroughly with soap and water.
First Aid for Inhalation Remove to fresh air.
First Aid for Ingestion Induce vomiting, if conscious, and obtain medical assistance immediately. Administer oxygen or artificial respiration, if required.

5. REACTIVITY DATA

Conditions Contributing To Instability:

Store below 110° F., out of strong sunlight.

Incompatibility:

Oxidizers, peroxides, albumin, active metals such as Zn, Al, Fe, alkalis (alkalis remove the inhibitor from the monomer).

Hazardous Decomposition Products:

Incomplete combustion could produce carbon monoxide.

Conditions Contributing To Hazardous Polymerization:

Removal of inhibitor would constitute a definite hazard, in large quantities. Heat sources close to the stored liquid are a hazard.

6. SPILL OR LEAK PROCEDURES

Steps to be taken if material is Released or spilled:

Do not release into the sewer system. Absorb with sand or vermiculite. Do not use metallic tools or open flames around the clean-up site.

Neutralizing chemicals: None necessary.

Waste Disposal Method: Incineration (preferred) or landfill (in compliance with all local, state, and federal hazards waste regulations).



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7. SPECIAL PROTECTION INFORMATION

Ventilation Requirements:

Good general ventilation. Work near forced ventilation to lower chronic exposure to monomer vapors.

Specific Personal Protective Equipment:

Wear respirator (for example: North 7600 or 7700, with organic vapors cartridge) rated for greater than the OSHA TWA of 100 ppm, if adequate mechanical ventilation is not available.

Eye:

Wear safety glasses, as when using any solvent. Constant exposure to monomer vapors over an extended period may irritate the eyes.

Gloves:

Small quantities: Not needed, if hands are washed promptly after a spill. Rubber, solvent-resistant gloves are necessary to protect against possible irritation and amine absorption.

Other Clothing and Equipment:

A solvent-resistant apron should be used to avoid clothing contamination from spills. Direct contact with the skin should be avoided, because of the possibility of amine absorption.

8. SPECIAL PRECAUTIONS

Precautionary Statements:

Use the autopolymerizing nail acrylic liquid only in a well-ventilated room, and take the proper safety precautions relative to the amount of liquid being used. Avoid prolonged contact with the liquid.

In the amount that this product is normally used, no significant hazards exist. Careful professional handling and good housekeeping practices are all that is necessary. Remove and launder any clothing that becomes contaminated.

Other Handling and Storage Requirements:

Keep out of direct sunlight, especially if the liquid is placed in clear bottles (amber bottles or amber HDPE Nalgene (R) bottles are advised for longer shelf-life). Direct sunlight destroys the inhibitor, hastening self-polymerization. Direct sunlight and unnecessary exposure to atmospheric oxygen also may cause a yellow coloring to eventually be imparted to the nail acrylic liquid.

Disclaimer:

The data contained herein is based upon information that Très Chic Nails believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.