1. PRODUCT IDENTIFICATION

1.1 Product Name:
THINNER

1.2 Chemical Name:
SOLVENT MIXTURE

1.3 Synonyms:
NONE

1.4 Trade Names:
NA

1.5 Product Use:
PROFESSIONAL OR SUNDARY USE ONLY

1.6 Distributor's Name:
CREATIVE NAIL DESIGN, INC.

1.7 Distributor's Address:
1125 JOSHUA WAY, VISTA, CA USA 92081

1.8 Emergency Phone:
CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887

1.9 Business Phone:
800-833-NAIL (6245), 760-599-2900

2. HAZARD IDENTIFICATION

2.1 Hazard Identification:
This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC and ADG Code (Australia). Flammable liquid.

2.2 Routes of Entry:
Inhalation: YES Absorption: YES Ingestion: YES

2.3 Effects of Exposure:
INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.
EYES: May be irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.
SKIN: May cause irritation upon direct skin contact.
INHALATION: Vapors of this product may be irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 2 (Composition and Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea).

2.4 Symptoms of Overexposure:
EYES: Overexposure in eyes may cause redness, itching and watering.
SKIN: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, wells, dermatitis) upon prolonged or repeated exposure.

2.5 Acute Health Effects:
EYES: Moderate irritation to eyes near affected areas.
SKIN: Moderate irritation to skin near affected areas.
INHALATION: High concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.

2.6 Chronic Health Effects:
None known

2.7 Target Organ(s):
Eyes, skin and respiratory system.

NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used
NOTE: All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.
3. COMPOSITION & INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>ENECs No.</th>
<th>%</th>
<th>TLV ppm</th>
<th>STEL ppm</th>
<th>PEL ppm</th>
<th>STEL ppm</th>
<th>IDLH ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL ACETATE</td>
<td>141-78-6</td>
<td>AH5425000</td>
<td>201-550-6</td>
<td>40-60</td>
<td>400</td>
<td>NE</td>
<td>400</td>
<td>NE</td>
<td>2000</td>
</tr>
<tr>
<td>ISOBUTYL ACETATE</td>
<td>110-19-0</td>
<td>AI4025000</td>
<td>203-745-1</td>
<td>20-40</td>
<td>150</td>
<td>NE</td>
<td>150</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>78-93-3</td>
<td>EL6475000</td>
<td>201-159-01</td>
<td>10-25</td>
<td>200</td>
<td>300</td>
<td>200</td>
<td>300</td>
<td>NE</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1 FIRST AID:

**INGESTION:** If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency number, and provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

**EYES:** If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

**SKIN:** If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

**INHALATION:** Remove victim to fresh air at once.

4.2 Medical Conditions Aggravated by Exposure:

None known.

5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:

-9.4 °C (15 °F)

5.2 Autoignition Temperature:

NA

5.3 Flammability Limits:

<table>
<thead>
<tr>
<th>Lower Explosive Limit (LEL)</th>
<th>Upper Explosive Limit (UEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

5.4 Fire & Explosion Hazards:

**WARNING:** EXTREMELY FLAMMABLE! Keep away from heat, light cigarettes, sparks & open flame.

5.5 Extinguishing Methods:

CO₂, Halon, Dry Chemical, Foam

5.6 Firefighting Procedures:

This product is a Class B2 flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of property in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:
Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

7.2 Storage & Handling:
Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may retain residual amounts of product. Therefore, empty containers should be handled with care.

7.3 Special Precautions:
NA

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:
When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

8.2 Respiratory Protection:
No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

8.3 Eye Protection:
Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.

8.4 Hand Protection:
If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

8.5 Body Protection:
No apron required when handling small quantities.
When handling large quantities (e.g., ≥ 1 gallon), an apron should be worn and eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PROTECTIVE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Density:
NE

9.2 Boiling Point:
NE

9.3 Melting Point:
NE

9.4 Evaporation Rate:
NE (Butyl Acetate = 1)

9.5 Vapors Pressure:
NE

9.6 Molecular Weight:
NE

9.7 Appearance & Color:
Clear liquid.

9.8 Odor Threshold:
ND

9.9 Solubility:
Moderately soluble in water.

9.10 pH:
NA

9.11 Viscosity:
NE

9.12 Other Information:
Vapor density 2.7 (Air = 1) (Calculated)
10. STABILITY & REACTIVITY

10.1 Stability: Stable under ambient conditions when stored properly (see Section 7, Storage and Handling).

10.2 Hazardous Decomposition Products: Irritating vapors and toxic gases (e.g., carbon monoxide and carbon dioxide).

10.3 Hazardous Polymerization: Will not occur.

10.4 Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.

10.5 Incompatible Substances: Strong oxidizers, peroxides or strong acids.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.

11.2 Acute Toxicity: See section 2.5

11.3 Chronic Toxicity: See section 2.6

11.4 Suspected Carcinogen: This product is not reported to be a suspected carcinogen.

11.5 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans.

11.6 Sensitivity of Product: See section 2.3

11.7 Biological Exposure Indices: NE

11.8 Physician Recommendations: Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1 Environmental Stability: The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows:

Ethyl Acetate: Koc = 0.73. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments through volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.

12.2 Effects on Plants & Animals: There are no specific data available for this product.

12.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.

13.2 Special Considerations: U.S. EPA WASTE NUMBER: D001 (characteristic - ignitable)
14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the TDG/GEH.

14.1 49 CFR (GND):
CONSUMER COMMODITY, ORM-D (S 1.0 L)
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II (≥ 1.0 L)

14.2 IATA (AIR):
CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L)
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II (≥ 0.5 L)

14.3 IMDG (CCCN):
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II, LTD QTY (≤ 1.0 L)
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II (≥ 1.0 L)

14.4 TDG/GEH (Canada GND):
MARK PACKAGE “LIMITED QUANTITY” or “QUANTITÉ LIMITÉE” or “LTD QTY” or “QUANTITÉ LIMITÉE” (≤ 1.0 L)
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II (≥ 1.0 L)

14.5 ADR/RID (EU):
UN1993, FLAMMABLE LIQUID, N.O.S. (ethyl acetate, methyl ethyl ketone), 3, II, ADR, LTD QTY (≤ 1.0 L)

14.6 SCT (MEXICO):
UN1993, LIQUIDOS INFLAMABLES, N.E.P. (ethyl acetate, methyl ethyl ketone), 3, II, CANTIDAD LIMITADA (≤ 1.0 L)

15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements:
SARA 304 (40 CFR Table 302.4) - Ethyl Acetate; SARA 313 - Methyl Ethyl Ketone

15.2 SARA Threshold Planning Quantity:
There are no specific Threshold Planning Quantities for the components of this product.

15.3 TSCA Inventory Status:
The components of this product are listed on the TSCA Inventory.

15.4 CERCLA Reportable Quantity (RG):
Methyl Ethyl Ketone: 5000 lbs.

15.5 Other Federal Requirements:
This product complies with the appropriate sections of the Food and Drug Administration’s 21 CFR subchapter G (Cosmetics).

15.6 Other Canadian Regulations:
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priority Substances List. Class 2/3 Flammable liquid.

15.7 State Regulations Information:
Ethyl Acetate and Methyl Ethyl Ketone are covered under specific state criteria. No components of this mixture are listed in the California Proposition 65 Lists.

15.8 67/548/EEC (European Union) Requirements:
The primary component of this product is not listed in Annex I of EU Directive 67/548/EEC:
16. OTHER INFORMATION

16.1 Other Information:
WARNING: EXTREMELY FLAMMABLE! Keep away from heat or flame. Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water. Use only in well ventilated area. Discontinue use immediately if irritation develops. Keep container closed. Store in a cool place. KEEP OUT OF REACH OF CHILDREN. Do not ingest. If swallowed, do not induce vomiting: seek medical attention. FOR PROFESSIONAL USE ONLY.

16.3 Disclaimer:
This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Creative Nail Design's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared by:
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760-599-2900
760-599-4065 fax
http://www.cnd.com/

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