01-115-002

CND Hands. Feet. Beauty

MATERIAL SAFETY DATA SHEET

CND-N-039

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards | MSDS Revision: 7.0 | MSDS Revision Date: 04/01/2008

1. PRODUCT IDENTIFICATION

1.1	Product Name: **SUPER SHINEY™**
1.2	Chemical Name: **SOLVENT MIXTURE**
1.3	Synonyms: **SUPER SHINEY**
1.4	Trade Names: **Super Shiney™ - High Gloss Top Coat**
1.5	Product Use: **COSMETIC 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:1088 (2004) 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: Mildly to moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.

SKIN: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

INHALATION: Vapors of this product may be slightly 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 3 (Composition & 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 in some sensitive individuals may include redness, itching, and irritation of affected areas.

2.5 Acute Health Effects:

EYES: Mild to moderate irritation to eyes near affected areas.

SKIN: Mild to 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 Organs:

Eyes, skin & respiratory system.

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; 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

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³) ACGIH ppm TLV	ACGIH ppm STEL	NOHSC ppm ES-TWA	NOHSC ppm ES-STEL	NOHSC ppm ES-PEAK	OSHA ppm PEL	OSHA ppm STEL	OSHA ppm IDLH	OTHER
BUTYL ACETATE	123-86-4	AF7350000	204-658-1	< 40.0	150	200	150	200	NF	200	200	1700	150 TWA
TOLUENE	108-88-3	XS5250000	203-625-9	< 30.0	50	300	50	100	NF	200	300	NE	
NITROCELLULOSE	9004-70-0	QW0970000	NA	< 15.0	(10)	NE	NF	NF	NF	(10)	NE	NE	
ETHYL ACETATE	141-78-6	AH5425000	201-550-6	< 10.0	400	400	200	400	NF	NA	NA	2000	400 TWA
TRIMETHYL PENTANYL DIISOBUTYRATE	6846-50-0	SA1420000	229-934-9	< 10.0	NE	NE	NF	NF	NF	NE	NE	NE	
ISOPROPYL ALCOHOL	67-63-0	NT8050000	200-661-7	< 10.0	400	500	NF	NF	NF	400	500	2000	400 TWA
TOSYLAMIDE/FORMALDEHYDE RESIN	25035-71-6	NA	NA	< 5.0	NE	NE	NF	NF	NF	NE	NE	NE	
SUCROSE ACETATE ISOBUTYRATE	126-13-6	WN6550000	204-771-6	< 2.0	NE	NE	NF	NF	NF	NE	NE	NE	
BENZOPHENONE-1	NA	NA	235-795-5	< 1.0	NE	NE	NF	NF	NF	NE	NE	NE	
OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION				BAL	THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS								

4. FIRST AID MEASURES

4.1 First Aid:

INGESTION: DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

EYES: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. 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. Do not wear contaminated clothing until after it has been properly cleaned. If irritation, redness or swelling persists, contact a physician immediately.

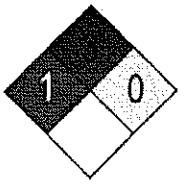
INHALATION: Remove victim to fresh air at once. Under extreme conditions, if breathing has stopped, perform artificial respiration. Seek immediate medical attention.

4.2 Medical Conditions Aggravated by Exposure:

None known.

5. FIREFIGHTING MEASURES

5.1	Flashpoint & Method: **24 °F (-4 °C) TCC Estimated based on ethyl acetate.**				
5.2	Autoignition Temperature: **NA**				
5.3	Flammability Limits:	Lower Explosive Limit (LEL):	**NE**	Upper Explosive Limit (UEL):	**NE**
5.4	Fire & Explosion Hazards: **WARNING: Extremely Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed.**				
5.5	Extinguishing Methods: **CO_2, Halon, Dry Chemical or Foam , as authorized.**				
5.6	Firefighting Procedures: **When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product. HAZCHEM CODE: 3[Y]E**				



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 (3.785 liters)) 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 properly 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 (3.785 liters), 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). Do not eat, drink or smoke while handling product.**
7.2	Storage & Handling: **Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10).**
7.3	Special Precautions: **Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.**

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:	**None required under normal conditions of use. Avoid eye contact. May cause irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon (3.785 liters)), safety glasses with side shields should be used.**
8.4	Hand Protection:	**None required under normal conditions of use. May cause skin irritation in some sensitive individuals.** **When handling large quantities (e.g., ≥ 1 gallon (3.785 liters)), wear rubber or impervious plastic gloves.**
8.5	Body Protection:	**No apron required when handling small quantities.** **When handling large quantities (e.g., ≥ 1 gallon (3.785 liters)), 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.**

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PROTECTIVE EQUIPMENT	

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	0.948 - 0.984 calculated
9.2	Boiling Point:	171 – 228 °F (77.2 – 108.9 °C) calculated
9.3	Melting Point:	NA
9.4	Evaporation Rate:	2-3 (n-Butyl Acetate = 1) calculated
9.5	Vapor Pressure:	35 - 42 mm Hg calculated
9.6	Molecular Weight:	NA
9.7	Appearance & Color:	Violet colored viscous liquid with a strong ester-like odor.
9.8	Odor Threshold:	ND
9.9	Solubility:	Moderately soluble in water.
9.10	pH	NA
9.11	Viscosity:	NA
9.12	Other Information:	Vapor density 3.2 - 3.6 @ 68 °F (20 °C) (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:	If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO_2).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	None reported.
10.5	Incompatible Substances:	This product is incompatible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide).

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the 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 contains Isopropyl Alcohol, which is classified as a Group 3 carcinogen (not classifiable as a human carcinogen) by the IARC.
11.5	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.6	Irritancy 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:

Butyl Acetate: K_{OC} = 1.82. Water solubility: 120 parts H_2O at 77°F (25 °C). Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.

Ethyl Acetate: K_{OC} = 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 from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.

Isopropyl Alcohol: Log K_{OW} = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate.

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, SCT, ADGR and the CTDGR.

14.1	49 CFR (GND): **CONSUMER COMMODITY, ORM-D (≤ 1.0 L)** **UN1263, PAINT, 3, II (> 1.0 L)**
14.2	IATA (AIR): **CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L)** **UN1263, PAINT, 3, II (> 0.5 L)**
14.3	IMDG (OCN): **UN1263, PAINT, 3, II, LTD QTY (≤ 1.0 L)** **UN1263, PAINT, 3, II (> 1.0 L)**
14.4	TDGR (Canadian GND): **MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L)** **UN1263, PAINT, 3, II (> 1.0 L)**
14.5	ADR/RID (EU): **UN1263, PAINT, 3, 3 °(b), ADR, LTD QTY (≤ 1.0 L)**
14.6	SCT (MEXICO): **UN1263, PINTURA (INFLAMMABLE), 3, II, CANTIDAD LIMITADA (≤ 1.0 L)**
14.7	ADGR (AUS): **UN1263, PAINT, 3, 3 °(b), LTD QTY (≤ 1.0 L)**

15. REGULATORY INFORMATION

15.1	U.S. EPA SARA Title III Reporting Requirements: **SARA 304 (40 CFR Table 302.4) - Butyl Acetate, Ethyl Acetate**
15.2	U.S. EPA SARA Title III Threshold Planning Quantity (TPQ): **There are no specific Threshold Planning Quantities for the components of this product.**
15.3	U.S. TSCA Inventory Status: **The components of this product are listed on the TSCA Inventory.**
15.4	U.S. CERCLA Reportable Quantity (RQ): **Butyl Acetate: 5000 lbs.; Toluene: 1000 lbs.**
15.5	Other U.S. 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 Priorities Substances List. Class B2 Flammable Liquid.**
15.7	U.S. State Regulatory Information: **Toluene, Butyl Acetate, Ethyl Acetate, and Isopropyl Alcohol are covered under specific state criteria. Components of this product are not listed on the California Proposition 65 lists or they are exempt from the requirements.**
15.8	European Union 67/548/EEC and Australia NOHSC:2011 (2003) Requirements: **The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC.** **Butyl Acetate: Flammable (F). R: Flammable. S: 9-16-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.** **Toluene: Flammable, Harmful (F, Xn). R: 11-20-36/37 – Highly flammable. Harmful by inhalation. Irritating to eyes and respiratory system. S: 2-7-16-24/25/26 – Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not empty into drains. Take precautionary measures against static discharges.** **HAZCHEM CODE: 3[Y]E**

16. OTHER INFORMATION

16.1 Other information:

WARNING: EXTREMEMLY FLAMMABLE! Keep away from heat or flame. Avoid inhalation. Store in a cool place. **Keep out of reach of children.**

16.2 Terms & Definitions:

Please see last page of this MSDS.

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 for:

Creative Nail Design, Inc.
A Division of Colomer U.S.A., Inc.
1125 Joshua Way
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(760) 599-2900
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CND™ Hands. Feet. Beauty.

16.5 Prepared by:

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ShipMate® Dangerous Goods Training & Consulting

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number

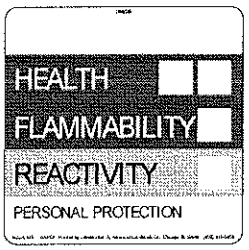
EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDLH	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

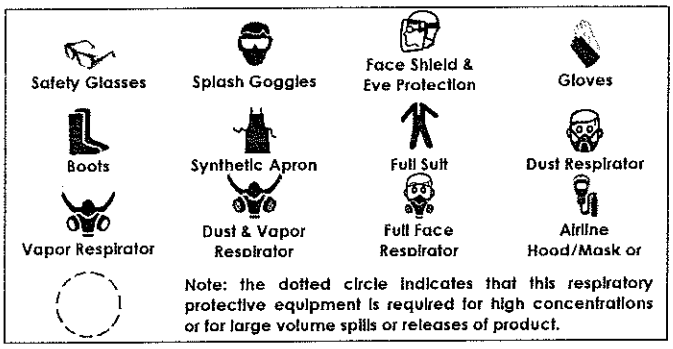


HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

PERSONAL PROTECTION RATINGS:

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
X	Consult your supervisor or S.O.P. for special handling directions.



FLAMMABILITY LIMITS IN AIR:

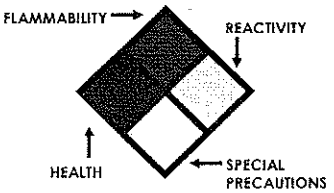
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
~~W~~	Use No Water
OX	Oxidizer



TOXICOLOGICAL INFORMATION:

LD_{50}	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC_{50}	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD_{Lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD_{Lo}, LD_{Lo}, & LD_o or TC, TC_o, LC_{Lo}, & LC_o	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{ow} or log K_{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
CPR	Canada's Controlled Product Regulations

EC INFORMATION:

C	E	F	N	O	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS INFORMATION:

A	B	C	D1	D2	D3	E	F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive