

Page 1 of 8

Prep	ared to OSHA,	ACC, ANSI, NOHSC, WHMIS	& 2001/58 EC Stando	ards N	SDS Revision: 1.6	MSDS	Revision Date: 09/15/	2010
			1. PRODUCT	IDEN1	IFICATION			
1.1	Product Name:							
	SHELLAC	UV BASE COAT						
1.2	Chemical Name:							
	Gel Lacquer							
1.3	Synonyms:	C						
1.4	Shellac UV Ba Trade Names:	se Coar						
1.4		IIV Dave Coak						
		UV Base Coat	·					
1.5	Product Use:	CNIV						
1.6	Distributor's Name:	<del></del>				<del></del>		•
1.5		L DESIGN, INC.						
1.7	Distributor's Addre					· · · · ·		
		WAY, VISTA, CA USA, 92081						
1.8	Emergency Phone							,
		+1 (800) 424-9300 / +	<u>1 (703) 527-3887</u>		- <u></u>			
1.9	Business Phone:	IAU ((045) -1 (7(0) 500 00)	••					
	+1 (800) 833-1	IAIL (6245), +1 (760) 599-290	JU					
			0 1147400	IDENIT	FIGATION			
0.1			2. HAZARD	IDENI	FICATION			
2.1	Hazard Identification	<sup>on:</sup> is classified as a HAZARI	OUS SUBSTANCE OF	.d a. D	ANCEROUS COORS			
	NOHSC:1088 (	2004) and ADG Code (Aust	ralia). Flammable	liquid.	ANGEROUS GOODS	according	to the classification	criteria of
2.2	Routes of Entry:		Inhalation:	YES	Absorption:	YES	Ingestion:	YES
2.3	Effects of Exposure			14				1,1212
	INGESTION:	If product is swallowed, m						
	EYES:	Mildly to moderately irrite watering.	ating to the eyes.	Symptom	s of overexposure m	ay includ	e redness, itching, ir	ritation and
	SKIN:	May be irritating to skin in	some sensitive indivi	duals, es	pecially after prolona	ed and/or i	epeated contact.	
	INHALATION:	Vapors of this product ma	y be slightly irritating	to the no	se, throat and other t	issues of th	e respiratory system.	Symptoms
		of overexposure can incl	ude coughing, whe	ezing, no	isal congestion, and	difficulty I	oreathina. Inhalatio	n of vapors
	•	exceeding the levels liste	ed in Section 3 (Co	mpositio	a & Ingredient Inform	ation) car	cause central nerv	ous system
2.4	Symptoms of Over	depression (e.g., drowsine	ss, dizziness, neddac	nes, nau	sea).			
	EYES:	Overexposure in eyes may	/ cause redness. itch	ina and v	vaterina.			
	SKIN:	Symptoms of skin overex				redness, if	china, and irritation	of affected
		areas.						
2.5	Acute Health Effec							
	EYES:	Mild to moderate irritation	•					
	SKIN:	Mild to moderate irritation						
2.6	Chronic Health Effe	High concentrations of var	ous can cause arows	iness, di	ziness, neadaches ar	ia nausea.		
	None known.							
2.7	Target Organs:							
	Eyes, skin & re	spiratory system.						
NA =	Not Available;	ND = Not Determined; NE	= Not Established; NF	= Not Fo	und; C = Ceiling Limit	; See Section	on 16 for Additional E	efinitions of
Term	is Used, Note: A	ULWHMIS required informati	on is included. It is to	cated in	appropriate sections	harad on t	ho ANISI 7400 1 2004	armat



Page 2 of 8

CND-N-139

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.6 MSDS Revision Date: 09/15/2010 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC ppm OTHER ppm ppm ES-ES-ES-% **EINECS No.** CHEMICAL NAME(S) CAS No. RTECS No. TLV STEL **TWA** STEL PEAK PEL STEL **IDLH** PROPRIETARY FORMULA NΑ NA NA NF NA NA NA NF NF NA NA NA 67-64-1 AL3150000 200-662-2 ≤ 10.0 2375 1185 2375 NF 1185 1800 2400 2500 ACETONE ALCOHOL DENAT. (ETHANOL) 64-17-5 KQ6300000 200-578-6 1900 NA 1880 NF NF 1900 NA 3300 ≤ 5.0 1900 TWA **BUTYL ACETATE** 123-86-4 AF7350000 204-658-1 150 200 150 200 NF 150 200 1700 ≤ 5.0 150 TWA 4. FIRST AID MEASURES 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. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the SKIN: 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 stops, perform artificial respiration. Seek immediate medical attention. Medical Conditions Aggravated by Exposure: None known. 5. FIREFIGHTING MEASURES Flashpoint & Method: 5.1 1.40 °F (-17 °C) estimated. 5.2 Autoignition Temperature: NA 5.3 Flammability Limits: Lower Explosive Limit (LEL): NA Upper Explosive Limit (UEL): NA 5.4 Fire & Explosion Hazards: WARNING: Highly Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. Extinguishing Methods: CO<sub>2</sub>, Halon, Dry Chemical or Foam, as authorized. 5.6 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



Page 3 of 8

CND-N-139

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.6 MSDS Revision Date: 09/15/2010 6. ACCIDENTAL RELEASE MEASURES 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 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. 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 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). 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 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. 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. 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. 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: HEALTH** 1 No apron required when handling small quantities. **FLAMMABILITY** 3 When handling large quantities (e.g.,  $\geq$  1 gallon (3.785 liters)), eye wash stations and deluge showers should be available. Upon completion of work activities involving REACTIVITY 0 large quantities of this product, wash any exposed areas thoroughly with soap and water. PROTECTIVE EQUIPMENT **EYES** 



Page 4 of 8

	ared to OSHA, ACC, ANSI,	NOHSC, WHMIS & 2001/58 EC Standards   MSDS Revision: 1.6   MSDS Revision Date: 09/15/2010
		9. PHYSICAL & CHEMICAL PROPERTIES
	Density:	1.02 (H <sub>2</sub> O = 1)
2	Boiling Point:	
3	Melting Point:	133.7 F (36.5 C) Culculated
	*	NA
4	Evaporation Rate:	5.6 (Based on acetone)
5	Vapor Pressure:	NA NA
5	Molecular Weight:	NA NA
7	Appearance & Color:	Light yellow transparent viscous liquid with a very mild ester-like odor.
3	Odor Threshold:	ND
7	Solubility:	Insoluble in water.
10	рН	NA NA
11	Viscosity:	400-600 cP
2	Other Information:	VOC: 0.523 lb/gal
	-	VOC. 0.320 ID/9 GI
	·	10. STABILITY & REACTIVITY
.1	Stability:	
	•	nditions when stored properly (see Section 7, Storage and Handling).
.2	Hazardous Decomposition Produc	
_	•	high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxid
	gases (e.g., CO, CO <sub>2</sub> ).	ing. Temperature, the products of mental decomposition may include initiality vapors and calbon oxide
.3	Hazardous Polymerization:	
	Will not occur.	
	Will 1101 0CC01.	
.4	Conditions to Avoid:	,
.4		
	Conditions to Avoid:	
	Conditions to Avoid:  None reported.  Incompatible Substances:	ible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids),
	Conditions to Avoid:  None reported.  Incompatible Substances:	otassium hydroxide).
	Conditions to Avoid: None reported. Incompatible Substances: This product is incompati	otassium hydroxide).
).5	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, po	
0.5	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, po	11. TOXICOLOGICAL INFORMATION
0.5	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, po	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postorial description of the control of the c	11. TOXICOLOGICAL INFORMATION
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, posterior product) Toxicity Data: This product has not be product, which are four Acute Toxicity:	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, posterior poste	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, posterior product) Toxicity Data: This product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity:	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, posterior policy)  Toxicity Data: This product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, posterior policy)  Toxicity Data: This product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen:	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.1 .2 .3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, point in the product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: No.	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, point in the product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: No. Reproductive Toxicity:	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the indicate in the scientific literature. These data have not been presented in this document.
.1 .2 .3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, point in the product has not be product, which are four Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: No. Reproductive Toxicity: This product is not report	atassium hydroxide).  11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the
.5	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the din the scientific literature. These data have not been presented in this document.
.1 .2 .3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the indicate in the scientific literature. These data have not been presented in this document.
.1 .2 .3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the indicentific literature. These data have not been presented in this document.  The sed to produce reproductive toxicity in humans.
.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the din the scientific literature. These data have not been presented in this document.
1.1	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the din the scientific literature. These data have not been presented in this document.  The detail of produce reproductive toxicity in humans.  The detail of produce mutagenic effects in humans.
0.5	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the din the scientific literature. These data have not been presented in this document.  The din the scientific literature is the scientific literature in the scientific literature. These data have not been presented in this document.
.1 .2 .3	Conditions to Avoid: None reported. Incompatible Substances: This product is incompatistrong bases (e.g., lye, postrong bases (e.	11. TOXICOLOGICAL INFORMATION  een tested on animals to obtain toxicological data. There are toxicology data for the components of the din the scientific literature. These data have not been presented in this document.  The detection of the scientific literature in the scientific literature in the scientific literature. These data have not been presented in this document.  The detection of the scientific literature in the scientific literature in the scientific literature. These data have not been presented in this document.  The detection of the scientific literature in the scientific literature in the scientific literature in the scientific literature in the scientific literature. These data have not been presented in this document.



Page 5 of 8

Prepai	ed to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards	MSDS Revision: 1.6	MSDS Revision Date: 09/15/2010			
	11. TOXICOLOGICAL INFO	DRMATION - Contin	ued			
11.6						
11.0	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 ° anticipated to be significant. This compound can be rembiodegradation. 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; howeve overexposed aquatic life.	r, very large releases of t	nis product may be harmful or fatal to			
	13. DISPOSAL CO	NSIDERATIONS				
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. TRANSPORTATIO	N INFORMATION				
The ho	asic description (ID Number, proper shipping name, hazard class &		nown for each mode of transportation			
	onal descriptive information may be required by 49 CFR, IATA/ICAC					
14.1	49 CFR (GND):					
	CONSUMER COMMODITY, ORM-D (≤ 1.0 L)					
	UN1263, PAINT, 3, II (> 1.0 L)		CONSUMER COMMODITY			
14.2	IATA (AIR):		ORM-D			
	CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L) PI - 910 UN1263, PAINT, 3, II, LTD QTY (≤ 1.0 L) PI - Y305	* ·				
	UN1263, PAINT, 3, II, EID GIT (\$ 1.0 L) FT - 1303 UN1263, PAINT, 3, II (\$ 5.0 L - , \$1.3212 GALLONS) PI - 305		Controllin States on			
	UN1263, PAINT, 3, II (≤ 60.0 L - , ≤ 15.855 GALLONS ) P1 - 307					
14.3	IMDG (OCN):	·				
	UN1263, PAINT, 3, II, LTD QTY (≤ 5.0 L)		UN1263			
	UN1263, PAINT, 3, II (> 5.0 L)		UN 1203			
14.4	TDGR (Canadian GND): MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD	QTY" or "QUANT LTÉE" (≤ 1.0	u)			
	UN1263, PAINT, 3, II (> 1.0 L)					
14.5	ADR/RID (EU):	•				
	UN1263, PAINT, 3, II, 3 °(b). ADR, LTD QTY (≤ 1.0 L)					
14.6	UN1263, PAINT 3, 3 °(b), ADR SCT (MEXICO):					
14.0	UN1263, PINTURA (INFLAMMABLE), 3, II, CANTIDAD LIMITADA (≤ 1.0	1)	FLAMMABLE LIQUID			
	UN1263, PINTURA (INFLAMMABLE), 3, II, CANTIDAD LIMITADA (>1.0	•				
14.7	ADGR (AUS):		3 / 100			
	UN1263, PAINT, 3, II, LTD QTY (≤ 1.0 L) LTD QTY					
	UN1263, PAINT, 3, II ( >1.0 L)					
	,					



Page 6 of 8

ерс	ared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.6 MSDS Revision Date: 09/15/201				
	15. REGULATORY INFORMATION				
1	U.S. EPA SARA Title III Reporting Requirements:  SARA reporting code Ethanol: acute, chronic, flammable. Section 313: No chemicals are reportable under Section 313.  SARA 304 (40 CFR Table 302.4) - Butyl Acetate.				
2	U.S. EPA SARA Title III Threshold Planning Quantity (TPQ):				
	There are no specific Threshold Planning Quantities for the components of this product.				
3	U.S. U.S. TSCA Inventory Status:				
	The components of this product are listed on the TSCA Inventory.				
	U.S. CERCLA Reportable Quantity (RQ):				
	Butyl Acetate: 2268 kg; 5000 lbs. Acetone: 2275 kg; 5000 lbs.				
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).				
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.				
	U.S. State Regulatory Information:				
	Ethanol, Butyl Acetate, are covered under specific state criteria.				
	Acetone can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, and Massachusetts.				
	Components of this product are not listed on the California Proposition 65 lists or they are exempt from the requirements.				
	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. <u>Butyl Acetate</u> : 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. <u>Acetone</u> : Highly Flammable (F+), Irritant (XI). R: 11-36-66-67 - Highly flammable. Irritating to eyes.				
	Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. S: 9-16-23-26-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take precautionary measures against static discharges.  HAICHEM CODE: 3YE. Poisons Schedule Number: ND				



Page 7 of 8

CND-N-139

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

MSDS Revision: 1.6

MSDS Revision Date: 09/15/2010

# 16. OTHER INFORMATION

16.1 Other Information:

**WARNING:** HIGHLY FLAMMABLE. Precisely follow directions and MSDS (available through your supplier) for use. **Store in a cool place. Avoid all skin contact.** If redness or other signs of adverse reaction occur, discontinue use immediately. **Keep tightly sealed.** Keep out of sunlight. **Keep out of reach of children.** For professional use only.

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
Vista, CA 92081 USA

+1 (800) 833-NAIL (6245) phone

+1 (760) 599-2900

+1 (760) 599-4005 fax

http://www.cnd.com/

16.5 Prepared by:

ShipMate, Inc.

PO Box 787

Sisters, OR 97759-0787 USA Phone: +1 (310) 370-3600

Fax: +1 (310) 370-5700

e-mail: shipmate@shipmate.com



Hands. Feet. Beauty.



Training & Consulting



Page 8 of 8

CND-N-139

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.6

MSDS Revision Date: 09/15/2010

## **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:

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



### PERSONAL PROTECTION RATINGS:

A	B			
В	8			
С	<b>&amp;</b>	8	*	
D			*	
E	B			
F	8		4	









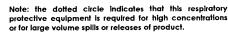
Full\_Suit



Dust & Vapor

Full Face Respirator Respirator

Ŷ Airline Hood/Mask or



### FLAMMABILITY LIMITS IN AIR:

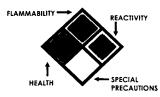
	Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
ļ	LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
	ŲEL	Upper Explosive Limit - highest percent 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
<del>-w</del> -	Use No Water
ОХ	Oxidizer



### TOXICOLOGICAL INFORMATION:

LĐ <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s							
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal							
ppm	Concentration expressed in parts of material per million parts							
TDio	Lowest dose to cause a symptom							
TCLo	Lowest concentration to cause a symptom							
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic							
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	effects							
IARC	International Agency for Research on Cancer							
NTP	National Toxicology Program							
RTECS	Registry of Toxic Effects of Chemical Substances							
BCF	Bioconcentration Factor							
TLm	Median threshold limit							
log Kow or log Koc	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
ND\$L	Canadian Non-Domestic Substance List
P\$L	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:

	<b>巡</b>			6		$\bigotimes$	$\aleph$
С	E	F	N	0	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmfut

### WHMIS INFORMATION:

$\oslash$			9	1	<b>®</b>		
Α	В	С	D1	D2	D3	E	F
Compressed	Flammable	Oxidizing	Toxic	tritation	Infectious	Corrosive	Reactive