

Page 1 of 7 **CND-N-070**

			1	PRODUCT	DENITIEIC	ATION			·					
.1	Product Name:	<u></u>		PRODUCT	IDENTIFIC.	AHON								
	BRISATM													
2	Chemical Name: METHACRYLA				· ·		·							
3	Synonyms: BRISA™ GEL I	PAINTS: BRISATM P	AINT SOFT WHITE	OPAQUE GEL PA	ING			-						
ļ	frade Names:	aint - Liqud				White (Jague							
5	Product Use: PROFESSIONA	+	<u> </u>	while - Opc	<u> 140e, 3011</u>	MINIE - C	paque							
5	Distributor's Name	÷:												
,	Distributor's Addre	IL DESIGN, INC. PSS; WAY, VISTA, CA!	22021 1184											
3	Emergency Phone) :		20) 507 0007										
,	Business Phone:	: +1 (800) 424-	9300 / +1 (70	13) 527-3887		·····								
		L (6245), (760) 59°	7-2900											
														
			2.	HAZARD IC	ENTIFICA	TION	,							
	Hazara identificati This product i NOHSC: 1088 (on: is not classified (2004) and ADG C	is a HAZARDOI	US SUBSTANCE O	r as DANGER	ous goods	according	to the classifi	cation criteria					
	Routes of Entry:			lation: YES	Tabs	orption: Y	ES .	Ingestion:	YES					
	Effects of Exposure	:		G.1.017. 1 120	1 7.03	O(DIIO)		I rigestion.	1 152					
	INGESTION:	If product is sw depression.	allowed, may	cause nausea,	headache, v	omiting and/	or diarrhed	and central	nervous syste					
	EYES:	irritating to the e	yes. Symptoms	of overexposure	may include	redness, itchir	ng, irritation	and watering.						
	SKIN:	May be irritating	to skin in some	sensitive individu	ials, especially	after prolong	jed and/or	epeated cont	act.					
			والمراجع والأراجع والمحاجم	nder normal con	ditions of use	and handling:	however, in	halalion of va	pors in excess					
	INHALATION:	inhalation of vap the levels listed (e.g. drowsiness	in Section 2 (Co	omposition and t	ngredient Info	imanon) can	(e.g., drowsiness, dizziness, headaches, nausea).							
	INHALATION: Symptoms of Overe	the levels listed (e.g., drowsiness	in Section 2 (Co	omposition and t	ngredient Info	manon) can			***************************************					
		the levels listed (e.g., drowsiness exposure:	in Section 2 (Co , dizziness, heac	omposition and la daches, nausea).	ngredient Info				4-1					
	Symptoms of Overe	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski	in Section 2 (Co , dizziness, heac eyes may caus	omposition and to daches, nausea). Te redness, itching	ngredient Info	g.	redness, itc	-	ation of affects					
	Symptoms of Overe EYES; SKIN:	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas.	in Section 2 (Co , dizziness, heac eyes may caus	omposition and to daches, nausea). Te redness, itching	ngredient Info	g.	redness, itc	-	ation of affects					
	Symptoms of Overe EYES: SKIN: Acute Health Effect	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas.	in Section 2 (Co , dizziness, heac eyes may caus n overexposure	omposition and to daches, nausea). The redness, itching In some sensitiv	ngredient Info	g.	redness, itc	-	ation of affect					
	Symptoms of Overe EYES: SKIN: Acute Health Effect EYES:	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas. Is: Mild to moderate	in Section 2 (Co dizziness, head eyes may caus n overexposure e irritation to ey	omposition and to daches, nausea). The redness, itching in some sensitives The reservation and the reserva	ngredient Info g and watering re individuals areas.	g.	redness, itc	-	ation of affect					
	Symptoms of Overe EYES: SKIN: Acute Health Effect	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas. is: Mild to moderat When working	eyes may caus n overexposure e irritation to ey e irritation to ski with large qua	composition and it daches, nausea). The redness, itching in some sensitives The sear affected in near affected contities (e.g., >	ngredient Info g and watering re individuals areas. areas.	j. may include		hing, and irrite						
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	Symptoms of Overe EYES: SKIN: Acute Health Effect EYES: SKIN: INHALATION: Chronic Health Effe	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas. Is: Mild to moderat When working drowsiness, dizz	eyes may caus n overexposure e irritation to ey e irritation to ski with large qua	composition and it daches, nausea). The redness, itching in some sensitives The sear affected in near affected contities (e.g., >	ngredient Info g and watering re individuals areas. areas.	j. may include		hing, and irrite						
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	Symptoms of Overe EYES: SKIN: Acute Health Effect EYES: SKIN: INHALATION: Chronic Health Effe	the levels listed (e.g., drowsiness exposure: Overexposure in Symptoms of ski areas. Is: Mild to moderat When working drowsiness, dizz	eyes may caus n overexposure e irritation to ey e irritation to ski with large qua	composition and it daches, nausea). The redness, itching in some sensitives The sear affected in near affected contities (e.g., >	ngredient Info g and watering re individuals areas. areas.	j. may include		hing, and irrite						



Page 2 of 7 **CND-N-070**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 7.0 MSDS Revision Date: 04/01/2008 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) **ACGIH** NOHSC **OSHA** OTHER ppm ppm ppm ES-ES-ES-% CHEMICAL NAME(S) CAS No. RTECS No. EINECS No. TLV STEL **TWA** STEL PEAK PEL STEL IDLH URETHANE METHACRYLATE NA NA NΑ ≥ 75.0 NF NF NF NF NE ΝE NE NE **OLIGOMERS** METHACRYLATE MONOMERS NA NA ≤ 20.0 NE NF NF NF NE NΕ NΕ NE CI 77891 (TITANIUM DIOXIDE) 13463-67-7 XR2275000 236-675-5 NF ≤ 5.0 (10)ΝE NF NF (5) ΝE ΝE DUST SILICA DIMETHICONE SILYLATE 112945-52-5 VV7310000 262-373-8 < 2.0 NF NF ΝF (10)NE (10) DUST NΕ NE OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION BAL THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS 4. FIRST AID MEASURES First Aid: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the INGESTION: 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. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least EYES: 15 minutes. 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 SKIN: the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately. INHALATION: Remove victim to fresh air. 4.2 Medical Conditions Aggravated by Exposure: None known. 5. FIREFIGHTING MEASURES Flashpoint & Method: > 160 °F (71 °C) c.c. 5.2 Autoignition Temperature: 5.3 Flammability Pmits: ND Lower Explosive Limit (LEL): Upper Explosive Limit (UEL): ND Fire & Explosion Hazards: NA Extinguishing Methods: CO2, Halon, Dry Chemical or Foam as authorized. This product is a combustible liquid. When involved in a fire, this product may 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.



Page 3 of 7 CND-N-070

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 7.0 MSDS Revision Date: 04/01/2008 ACCIDENTAL RELEASE MEASURES 6.1 Spiils: 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). 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). 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 Work & Hygiene Practices: Avoid prolonged contact with the product. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product. Keep this material away from heat, sparks and open flame. 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, Stability and Reactivity). 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. 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 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. 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, or the E.C. member states. 1 No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member FLAMMABILITY 1 states, or U.S. OSHA. REACTIVITY 1 PROTECTIVE EQUIPMENT Α EYES



Page 4 of 7 **CND-N-070**

		O DUVICAL O CHEMICAL DEODERTIES						
9.1	Density:	9. PHYSICAL & CHEMICAL PROPERTIES						
9.2	Boiling Point:	> 1.2						
7.2 9.3	<u> </u>	NE						
7.3 9.4	Meiting Point: Evaporation Rate:	NE						
7.4 9.5		> 302 °F (150 °C)						
7.3 9.6	Vapar Pressure:	NE :						
9.7	Molecular Weight:	NE						
7.7 7.8	Appearance & Color: Odor Threshold:	White viscous liquid with faint ester odor.						
7.0 7.9		NE NE						
7.7	Solubility:	Slightly soluble in water.						
2.10		ND ND						
	Viscosity:	Low viscosity gel						
2.12	Other information:	Vapor density > 1.0						
		10. STABILITY & REACTIVITY						
0.1	Stability:							
0.0		conditions when stored properly (see Section 7, Storage and Handling).						
0.2	Hazardous Decomposition Pro	^{aucts:} ly high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxic						
	gases (e.g., CO, CO ₂).	ly sugar temperatures, the products of mermal decomposition may include irritating vapors and carbon oxid						
0.3	Hazardous Polymerization:							
	May occur, if exposed	to extremely high temperatures.						
0.4	Conditions to Avoid:							
	None known.							
0.5	Incompatible Substances:							
	muriatic acids), or stro	atible with alkaline metals, strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric ng bases (e.g., lye, potassium hydroxide).						
		11. TOXICOLOGICAL INFORMATION						
1.1	Toxicity Data:	THE TOXICOLOGICAL INCOMMANDIA						
	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.							
	Titanium Dioxide (CAS#	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans.						
.2	Titanium Dioxide (CAS#							
1.2	Titanium Dioxide (CAS# [NOTE- Applies to inhal	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans.						
	Titanium Dioxide (CAS# [NOTE- Applies to inhal Acure Toxicity:	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans.						
1.2	Titanium Dioxide (CAS# [NOTE- Applies to inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans.						
	Titanium Dioxide (CAS# [NOTE- Applies to inhal Acure Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen:	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans.						
.4	Titanium Dioxide (CAS# [NOTE- Applies to inhal Acure Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans. ation of raw titanium dioxide particles.]						
.3	Titanium Dioxide (CAS# [NOTE- Applies to inhal Acure Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity:	13463-67-7); IARC classification: Group 2B - Possibly carcinogenic to humans. ation of raw titanium dioxide particles.] This product is not reported to cause reproductive toxicity in humans.						
.4	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acure Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mulagenicity:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans.						
.4	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Empryotoxicity:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.4	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryotoxicity: Teratogenicity:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.5	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryotoxicity: Teratogenicity: Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.5	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryofoxicity: Terafogenicity: Reproductive Toxicity: intlancy of Product:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.5	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryotoxicity: Teratogenicity: Reproductive Toxicity: intlancy of Product: See section 2.3	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.5	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryofoxicity: Terafogenicity: Reproductive Toxicity: intlancy of Product:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans.						
.5	Titanium Dioxide (CAS# [NOTE- Applies to Inhal. Acute Toxicity: See section 2.5 Chronic Toxicity: See section 2.6 Suspected Carcinogen: NA Reproductive Toxicity: Mutagenicity: Emoryofoxicity: Terafogenicity: Reproductive Toxicity: intlancy of Product: See section 2.3 Biological Exposure Indices:	This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans. This product is not reported to produce embryotoxic effects in humans.						



Page 5 of 7 CND-N-070

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 7.0 MSDS Revision Date: 04/01/2008 12. ECOLOGICAL INFORMATION Environmental Stability: There are no specific data available for this product. 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 Waste Disposal: Waste disposal must be in accordance with appropriate federal, state, and local regulations. NA 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. 49 CFR (GND): NOT REGULATED 14.2 IATA (AIR): **NOT REGULATED** IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): NOT REGULATED 14.5 ADR/RID (EU): NOT REGULATED 14.6 SCT (MEXICO): **NOT REGULATED** 14.7 ADGR (AUS): **NOT REGULATED** 15. REGULATORY INFORMATION 15.1 U.S. EPA SARA Title III Reporting Requirements: 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. ISCA inventory Status The components of this product are listed on the ISCA inventory as appropriate. 15.4 U.S. CERCLA Reportable Quantity (RQ): 15.3 Other U.S. Federal Requirements: This product compiles with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics) 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. 15.7 U.S. State Regulatory Information: No components of this mixture are listed in the California Proposition 65 Lists. Titanium dioxide (CAS# 13463-67-7); can be found on the following state right to know lists: New Jersey, Pennsylvania, Minnesota, and Massachusetts.



Page 6 of 7 CND-N-070

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 7.0

MSDS Revision Date: 04/01/2008

15. REGULATORY INFORMATION

European Union 67/548/EEC and Australia NOHSC:2011 (2003) Requirements:

Component(s) of this product are listed in Annex I of EU Directive 67/548/EEC.

(Xn) Harmful

Titanium dioxide:

R: 21/22 Harmful if swallowed and in contact with skin

R: 40 Limited evidence of carcinogenic effect *

R: 43 May cause sensitization by skin contact

S: 2 Keep away from children

S: 7/8 Keep container tightly closed and dry

S: 20/21 When using do not eat, drink or smoke

*Applies to inhalation of raw titanium dioxide particles.



16. OTHER INFORMATION

Warning: Precisely follow directions and MSDS (available through your supplier) for use. Avoid all skin contact. If redness or other signs of adverse reactions occur, discontinue use immediately. Avoid eye contact, Keep out of reach of children. Keep out of sunlight. FOR PREOFESSIONAL USE ONLY.

Terms & Definitions:

Please see last page of this MSDS.

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.

Prepared for:

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(760) 599-4005 fax

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Hands. Feet, Beauty.



Training & Consulting



Page 7 of 7

CND-N-070

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 7.0

MSDS Revision Date: 04/01/2008

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:

EXPOSURE LIA	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:

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

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

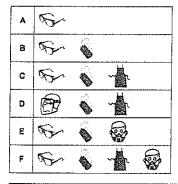
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

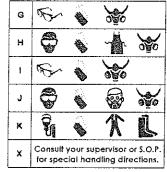
CAS No. | Chemical Abstract Service Number

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



PERSONAL PROTECTION RATINGS:







Splash Goggles

Face Shield &







Dust & Vapor

Respirator





Hood/Mask or

Vapor Respirator

000

Respirator Note: the doited circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

Full Face

FLAMMABILITY LIMITS IN AIR:

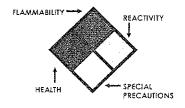
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by votume, that will explode or ignite in the presence of an Ignition source
UEL	Upper Explosive Limit - highest percent of 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	Siight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaiine
COR	Сопозіче
-44	Use No Water
OX	Oxidizer



TOXICOLOGICAL INFORMATION:

LD ₄₀	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					
TDio	Lowest dose to cause a symptom					
TCLo	Lowest concentration to cause a symptom					
TDto, LDta, & LDa or	Lowest dose (or concentration) to cause lethal or toxic					
TC, TC., LC., & LC.	effects					
IARC	International Agency for Research on Cancer					
NTP	National Toxicology Program					
RTECS	Registry of Toxic Effects of Chemical Substances					
8CF	Bioconcentration Factor					
TLm	Median threshold limit					
log Kow ar lag 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					
NDSL	Canadian Non-Domestic Substance List					
PSL	Canadian Priority Substances List					
TSCA	U.S. Texic Substance Control Act					
EU	European Union (European Union Directive 67/548/EEC)					
CPR	Canada's Controlled Product Regulations					

EC INFORMATION:

Ę		被	Z	À	G.	23	
С	E	F	N	0	Ţ÷	Χi	Xn
Corrosive	Explosive	flammapie	Harmful	Oxidizing	Foxic	'rritant	Harmfui

WHMIS INFORMATION:

			(2)	(T)	1	(2 P)	
Α	В	С	D1	D2	D3	E	F
Compressed	flammable	Oxidizing	Texic	initation	infectious	Сапозіче	Reacitve