

Page 1 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

1.1	Product Name:													
		BOND-A												
1.2	Chemical Name:		Solvent Mixture											
.3	Synonyms:		NA											
.4	Trade Names:	BB010, BB02	20											
.5	Product Use:	Professional	,											
.6	Distributor's Name:	OPI Products	,											
.7	Distributor's Address:	13034 Satico	by Street, No. H	ollywood, CA 9	1605 US/	A								
.8	Emergency Phone:		EC: +1 (703)		+1 (800) 424-	-9300	0 (CC	N 163	377)				
.9	Business Phone / Fax:	+1 (818) 759	9-2400 / +1 (818	3) 759-5776										
-	-		2. H/	AZARDS I	DENT	IFICA	ATIC)N						
2.1	Hazard Identification:	classification DANGER! REACTION. DIZZINESS. Classification Hazard State skin reaction Precautionar Smoking. P. P261 – Avc thoroughly w allowed out P302+P352		HSC: 1088 (200 MABLE LIQUI SERIOUS EY Skin Sens. 1A; 25 - Highly flan es serious eye i P): P210 – Kee ntainer tightly c ust/fume/gas/m ater after handl ce. P280 –	D4)] and A D AND V E IRRITA Eye Irrit. : nmable lic rritation. p away fr losed. P2 nist/vapors ling. P27. Wear pro	ADG Coo /APOR. ATION. 2A: STC quid anc H336 – rom hea 43 – Ta s/spray. 2 – Con otective	de (Au MA MA DT SE d vapo May c at/spar ake ac P26 ntamin glove	3 or. H31 cause of ks/ope tion to 64 – V ated w s/eye). ISE AN USE I 7 – Ma drowsir on flame prever Vash e vork clo protect	ay cau hess c e/hot ht stat txpose thing ion/fa	LERGI VSINE use an or dizzi surfac tic disc ed ski should ce pro	C SKIN SS OF allergin ness. es – No charges n areas d not be otection	N R C C C S S S S S S S S S	
		continue rins P321 – For contaminate chemical, or	with water for sing. P333+P3 specific first aid d clothing befor foam for extinc contents/conta	several minute 13 – If skin irri d treatment (Se re reuse. P370 tion. P403+P2	es. Removitation or a ee Section 0+P378 – 35 – Stor	ve conta a rash c a 4 of th In case re in a w	act len occurs his Sat e of fir vell-ve	nses if	preser t medic ata She 2, Halo d place	it and cal ad eet). n (if p . Kee	l easy lvice/a P363 permitt ep coo	to do - ttention – Wasł ed), dry I. P50	– I. N	~
		continue rins P321 – For contaminate chemical, or – Dispose of	with water for sing. P333+P3 specific first aid d clothing befor foam for extinc contents/conta	several minute 13 – If skin irri d treatment (Se re reuse. P370 tion. P403+P2 iner to a license	es. Removitation or a se Section 0+P378 – 35 – Stor ed treatmo	ve conta a rash c n 4 of th In case re in a w ent, stor	act len occurs his Sal e of fir vell-ve rage o	nses if = Gety Da fety Da re, CO ntilated r dispo	preser t medic ata She 2, Halo d place osal fac	it and cal ad eet). n (if p . Kee ility (1	l easy lvice/a P363 permitt ep coo	to do - ttention – Wasł ed), dry I. P50	– I. N	V
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	CAL NAME(S) ACETATE	continue rins P321 – For contaminated chemical, or – Dispose of 3. C CAS No. 141-78-6	with water for sing. P333+P3 specific first aid d clothing befor foam for extinc contents/conta	several minute 13 – If skin irri d treatment (Se re reuse. P370 tion. P403+P2 iner to a license ION & INC EINECS No. 205-500-4	s. Removitation or a section of	ve conta a rash c a 4 of th In case re in a w ent, stor ENT ACG pp TLV	act len occurs his Sat e of fir vell-ve rage o INF JIH m STEL	e, CO; ntilateo ORN	preser t medic ata She 2, Halo d place ssal fac IATI EXPOS NOHSC ppm ES- STEL	et and cal ad eet). n (if p . Kee ility (1 ON BURE L ES- PEAK	I easy lvice/a P363 permitt ep coo rSDF).	to do - ttention – Wasł ed), dry I. P50 I. P50 I. AIR (mg OSHA ppm	- I. I Y 1 J/m ³) IDLH	
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Page 2 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1 SDS

	1	4. FIRST AID MEASURES – cont'								
4.2	Effects of Exposure: Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous depression.									
		Eves: Vapor of this product may be mildly to moderately irrita include redness, itching, irritation and watering.	tion to the	eyes. Sympto	oms of overea	kposure may				
		Skin: May be irritating to skin in some sensitive individuals, es								
		Inhalation: Inhalation of vapors is unlikely under normal condition								
		irritating to the nose, throat and other tissues of the res include coughing, wheezing, nasal congestion, and diffic								
		levels listed in Section 3 (Composition and Ingredient								
		depression (e.g., drowsiness, dizziness, headaches, nau								
4.3	Symptoms of Overexposure:	Symptoms of skin overexposure in individuals may include red Overexposure in eyes may cause redness, itching and watering.	ness, itch	ing, and irrit	ation of affe	cted areas.				
4.4	Acute Health Effects:	Mild to moderate irritation to eyes and skin near affected areas. Add drowsiness, dizziness, headaches and nausea.	itionally, hi	gh concentrat	tions of vapor	s can cause				
4.5	Chronic Health Effects:	None known.								
4.6	Target Organs:	Eyes, Skin, Respiratory System.								
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the	HEALT	H		2				
		target organs (eyes, skin, and respiratory system).	FLAMN	IABILITY		3				
			PHYSIC	CAL HAZAR	DS	1				
			PROTE	CTIVE EQU	IPMENT	В				
			EYES							
		1								
		5. FIREFIGHTING MEASURES								
5.1	Fire & Explosion Hazards:	DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR! Keep at sparks & open flame. Keep container closed.	way from I	heat, lit cigare	ettes,					
5.2	Extinguishing Methods:	CO ₂ , Halon (if permitted), Dry Chemical, Foam, as authorized.				•				
5.3	Firefighting Procedures:	This product is a Class IB flammable liquid. When involved in a fire,	this produc							
	and decompose to produce carbon oxides. Vapors of this product are heavier than air and may									
			re heavier		may					
		travel to a source of ignition and flash back to a leaking or open contain	ire heavier her.	than air and	· · · · · · · · · · · · · · · · · · ·	1				
		travel to a source of ignition and flash back to a leaking or open contain First responders should wear eye protection. Structural firefighters	re heavier her. must wea	than air and ar SCBAs and	d full	1				
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7.1	Work & Hygiene Practices: Storage & Handling:	travel to a source of ignition and flash back to a leaking or open contain First responders should wear eye protection. Structural firefighters protective equipment. Use a water spray or fog to reduce or direct effective in actually extinguishing a fire involving this product. <u>HazChem Code</u> : 3(Y)E <u>Hazard Identification Number</u> : 33 6. ACCIDENTAL RELEASE MEASU Before cleaning any spill or leak, individuals involved in spill cleat Equipment. For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) wear appropriate persor Maximize ventilation (open doors and windows) and secure all so absorbent material and place into appropriate closed container(s) for local, state and federal regulations. Wash all affected areas and ou soap. Remove any contaminated clothing and wash thoroughly before For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotect material (e.g., sand or earth). Use ONLY non-sparking tools for recov- recovery or disposal and solid diking material to separate contain clothing promptly and wash affected skin areas with soap and water. sewers and open bodies of water. 7. HANDLING & STORAGE INFORMA Avoid prolonged contact with the product. Avoid breathing vapors of th local exhaust ventilation, fans). After use, wash hands and exposed smoke while handling product. Keep this material away from heat, sparks and open flame. Ope container closed tightly when not in use. Empty container may con empty containers should be handled with care. Store containers in a light sources, or sources of intense heat. Store away from incompatib	re heavier must weavapors. RES nup must mal protect urces of i disposal. tside of co e reuse. ted individ very and cl ers for pro- Keep spil	than air and ar SCBAs and Water may no Water may no Water may no wear approp ive equipmen gnition. Rem Dispose of pr ontainer with p luals. Dike ai eanup. Trans oper disposal. Is and cleanin t. Use in a we soap and wa ers slowly on ual amounts o cocation, away s (See Sectior nen not in use	d full bt be rriate Persona t (e.g., goggl hove spilled n operly in acco plenty of warr nd contain sp offer liquid to ca . Remove c g runoffs out ell-ventilated lo ater. Do not a stable sur of this produc from direct su n 10).	les, gloves). naterial with ordance with n water and bill with inert ontainers for ontaminated of municipal ocation (e.g., eat, drink or face. Keep st; therefore, unlight, other				



Page 3 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

8.1	Exposure Limiter		. ~	GIH:		NOURS			OSHA		OTHER
3.1	Exposure Limits: ppm (mg/m ³)		AC	GIH	ES-	NOHSC ES-	ES-		OSHA		OTHER
		CHEMICAL NAME(S)	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	
			400	400	200	400	NF	NA	NA	2000	400 TWA
3.2	Ventilation & Engineering	AMMONIUM HYDROXIDE	25	35	NF	NF	NF	25	35	300	Level ventilation for
	Controls:	When working with large qua Ensure that an eyewash station	n, sink o	or washt	basin [°] is a	vailable i	n case of	exposu	re to ey	es.	
8.3	Respiratory Protection:	necessary, use only respiratory §1910.134, or applicable U.S.	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								R
3.4	Eye Protection:	provinces, E.C. member states,									
0.4		Wear protective eyewear (e.g., product. Always use protective special hazard; soft lenses may	e eyew	ear whe	n cleani	ng spills					
8.5	Hand Protection:	AVOID SKIN CONTACT DUE repeated skin contact will occur industrial use. If necessary, refi Canada, of the E.C. member sta	during er to U	use of	this prod	uct, wear	latex or i	rubber g	gloves fo	or routin	ie 🐠
8.6	Body Protection:	AVOID SKIN CONTACT DUE		SENSIT	IZING P		A Hov	vever	no spe	cial boo	lv.
		protection is required under ty appropriate standards of Canada	pical ci	ircumsta	inces of	use and	handling	. If ne			
		9. PHYSICAL	_ & C	HEM		PROF	PERTI	ES			
9.1	Appearance:	Clear liquid						-			
9.2	Odor:	Fragrant, fruity odor									
9.3	Odor Threshold:	ND									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	172°F									
9.7	Flashpoint:	- 4 °C (24 °F) TCC									
9.8	Upper/Lower Flammability Limits:	2.2% -11.4%									
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	0.902									
9.12	Solubility:	Miscible with alcohol, ether, glyc	erin, vo	olatile oi	ls, water	most org	anic solv	ents.			
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	860 °F									
9.15	Decomposition Temperature:	NA									
9.16 9.17	Viscosity: Other Information:	Non-viscous									
9.17	Other Information:	NA									
		10. ST/	ABIL	ITY 8	REA	CTIVI	TY				
10.1	Stability:	Stable under ambient conditions						rade an	d Hand	lina).	
10.2	Hazardous Decomposition Products:	If exposed to extremely high te carbon oxide gases (e.g., NH ₃ ,	empera	itures, th			,	0		0/	le irritating vapors a
10.3	Hazardous Polymerization:	May occur, if exposed to extrem			ratures						
10.4	Conditions to Avoid:					mnatible	chemicals	strong	n liaht sa		sparks flame
10.5	Incompatible Substances:	This product is incompatible w	Exposure to or contact with extreme temperatures, incompatible chemicals, strong light sources, sparks, flame. This product is incompatible with strong oxidizers, (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric o muriatic acids), nitrates, or strong bases (e.g., lye, potassium hydroxide).								
		11. TOXIC		GICA		ORM					
11.1	Routes of Entry:	Inhalation: YES					/ES			Inge	stion: YES
11.2	Toxicity Data:	This product has NOT been test available for some of the compo Ethyl Acetate: LD ₅₀ (oral, rat) = 1	nents o	of the pro	to obtain oduct an	toxicolog d is prese	y data. T nted belo	w:		, found i	in scientific literature,
11.3	Acute Toxicity:	See Section 4.4	0,0201	g ,g, ∟	- 50 (0101		1,100 11		- ₅₀ (iiii	. on, rat	, 10,000 ppm
11.4	Chronic Toxicity:	See Section 4.5									
11.5	Suspected Carcinogen:	This product contains Ethyl Ace	etate v	which is	not carc	nogenic	to human	s huti	e listad	as Groi	in 3 carcinogen by t



Page 4 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1

		11. TOXICOLOGICAL INFORMATION – cont'd
11.6	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.
11.7	Irritancy of Product:	See Section 4.3
11.8	Biological Exposure Indices:	NE
11.9	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. Specifi
		environmental data available for the components of this product are as follows:
		<u>Ethyl Acetate</u> : $K_{oc} = 0.73$. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is no anticipated to be significant. This compound can be removed from contaminated environments from volatilization, an
		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 fata 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
		proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive informatic /ICAO, IMDG and the CTDGR.
14.1	49 CFR (GND):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L) or CONSUMER COMMODITY, ORM-D – until 01/01/2021
14.2	IATA (AIR):	UN1263, PAINT RELATED MATERIAL, 3, II ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L)
14.3	IMDG (OCN):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
14.4	TDGR (Canadian GND):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L); or "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L)
14.5	ADR/RID (EU):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
14.6	SCT (MEXICO):	UN1263, PRODUCTOS PARA PINTURA, 3, II, CANTIDAD LIMITADA (IP VOL ≤ 1.0 L)
14.7	ADGR (AUS):	UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (IP VOL ≤ 1.0 L)
* This	s product may also be shipped	d as an Excepted Quantity (Inner Package Volume ≤ 30 mL, Total Quantity ≤ 500 mL per Outer Package)
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product contains Ethyl Acetate, a substance that is subject to SARA Title III, Section 304 reporting.
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	Ethyl Acetate: 2,270 kg (5,000 lbs); Ammonium Hydroxide: 450 kg (1,000 lbs)
15.5	(RQ): Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter (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. WHMIS B2, D2B (Flammable, Other Toxic Effects)

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SAFETY DATA SHEET

Page 5 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.1 SI

		15. REGULATORY INFORMATION – cont'd
15.7	State Regulatory Information:	Ethyl Acetate is found on the following state criteria lists: California Hazardous Substances List (CA), Delaware Air Quality Management List (DE), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Hazardous Substances List (CA), California Proposition 65 List (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List
		(NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: <u>Ethyl Acetate</u> : Flammable (F). <u>Risk Phrases</u> (R): 11-36/37/38 – Highly flammable. Irritating to eyes, respiratory system and skin. <u>Safety Phrases</u> (S): 2-16-23-29-33 – Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. Do not empty into drains. Take precautionary measures against static discharges.
		16. OTHER INFORMATION
16.1	Other Information:	DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. Keep away from heat/sparks/open flame/hot surfaces – No Smoking. Keep container tightly closed. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash exposed skin areas thoroughly with soap and water after handling. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap
		and water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If skin irritation or a rash occurs – Get medical advice/attention. Store in a well-ventilated place. Keep cool. KEEP OUT OF REACH OF CHILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This 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 & OPI's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is 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:	OPI Products, Inc. 13034 Saticoy Street No. Hollywood, CA 91605 USA Tel: +1 (818) 759-2400 Fax: +1 (818) 759-5776 http://www.opi.com
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com



Page 6 of 6 **SDS-018**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following: **GENERAL INFORMATION:** HAZARD RATINGS:

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:

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

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

PERSONAL PROTECTION RATINGS:

Α					G				
В					н		(E)		
С			E 1		I		E		
D	B		E 1		J		E	F	
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F			E,I	\bigcirc	X			ipervisor o lling direct	
						_			
Sa	ifety Glass	ses	Splash C	Goggles		Shield &		Glove) es
					X)		
	Boots		Syntheti	c Apron		tive Cloth Full Suit	ing	Dust Res	pirator
	_								

OTHER STANDARD ABBREVIATIONS:

Full Face Respirator

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

Full Face

Respirator

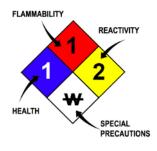
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

Dust & Vapor Half-

Mask Respirator

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				

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			
ох	Oxidizer			
TREFOIL	Radioactive			



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 _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{lo} , & LC _o	
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					
тс	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)					
WGK	Wassergefährdungsklassen (German Water Hazard Class)					

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

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

EC (67/548/EEC) INFORMATION:

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Airline Hood/Mask

or SCBA

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Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

				\Diamond			\diamondsuit		
Gł	HS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Exp	losive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment