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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 3.0 SDS Revision Date: 2/11/2022

		1	PRODUC	T S COM	DANV	IDE	NTIE		TIO	NI .				
1.1	Product Name:		OK® MA		IFANI	IDL	14 1 11	ICA	110	14				
1.2	Chemical Name:		crylic Polymer Blend											
1.3	Synonyms:		60150, 860151, 860158											
1.4	Trade Names:	ClearLok® M												
1.5	Product Use:	Sealant												
1.6	Distributor's Name:		aboratories LLC	2										
1.7	Distributor's Address:		Road, Eden Pra		USA									
1.8	Emergency Phone:		+1 (800) 424			3887 o	r Poi	son C	ontro	I Cen	ter +1	(855)	281-1	742
1.9	Business Phone / Fax:		7-7900 / +1 (95	•	,							/		
		,	,											
2.1	Hazard Identification:			<u>AZARDS</u>										
2.1	riazard identification.	Canadian WI WARNING! IRRITATION	HMIS and Aust CAUSES SK	ralian Work He IN IRRITATIO	ealth and S N. CAU	Safety.								FR 1910.1200. ESPIRATORY
2.2	Label Elements:		ements (H): H31			n. H31	9 – Ca	uses s	erious	eve irr	itation	. H335	_	
		May cause re	espiratory irritat	ion.						•				
2.2		Precautionary Statements (P): P261 – Avoid breathing dust/fume/mist/vapor/spray. P264 – Wash exposed skin areas thoroughly with soap and water after handling. P271 – Use only outdoors or in well-ventilated area. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P332+P317 – If skin irritation occurs: Get medical help. P321 – Specific treatment see section 4 (First Aid) of this SDS, or this container label. P305+P351+P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317 – If eye irritation persists: Get medial help. P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P362+P364 – Take off contaminated clothing and wash it before reuse. P319 – Get medical help if you feel unwell. P403+P233 – Store in a well-ventilated place. Keep container tightly closed. P405 – Store locked up. P501 – Dispose of contents/container to a licensed												
2.3	Other Warnings:			sal facility (TSI e or medical in		vina th	is pro	duct p	lease	contac	t a phy	/sician	or local	poison control
2.3	Other Warnings:	In the event center, who is KEEP OUT (of an exposure may seek advic OF REACH OF	e or medical in the from the U.S CHILDREN.	quiry invol . manufac	turer, a	and sh	ow the	m this	SDS.	t a phy	ysician	or local	poison control
2.3	Other Warnings:	In the event center, who is KEEP OUT (of an exposure may seek advic	e or medical in the from the U.S CHILDREN.	quiry invol . manufac	turer, a	and sh	ow the	m this	SDS.				poison control
2.3	Other Warnings:	In the event center, who is KEEP OUT (of an exposure may seek advic OF REACH OF	e or medical in the from the U.S CHILDREN.	quiry invol . manufac	ENT	INF	ow the	MAT EXPO	SDS.		I AIR (mg	g/m³)	poison control
2.3	Other Warnings:	In the event center, who is KEEP OUT (of an exposure may seek advic OF REACH OF	e or medical in the from the U.S CHILDREN.	quiry invol . manufac	ENT	INF	ow the	MAT EXPO	SDS.		I AIR (mg	g/m³)	poison control
		In the event center, who is KEEP OUT (of an exposure may seek advic OF REACH OF	e or medical in the from the U.S CHILDREN.	quiry invol	ENT	INF	ORN Es-	MAT EXPO NOHSO ppm ES-	SDS. ION SURE L	IMITS IN	I AIR (mg OSHA ppm	ŋ/m³)	
	Other Warnings: CAL NAME(S)	In the event center, who is KEEP OUT (of an exposure may seek advice of REACH OF OMPOSIT	e or medical in the from the U.S. CHILDREN. ION & INC. EINECS No.	quiry invol	ENT AC PI	INF	ORN ES-TWA	MAT EXPO NOHSO ppm ES- STEL	SDS. ION SURE L ES- PEAK	IMITS IN	OSHA ppm	g/m³) IDLH	poison control
CHEMI	CAL NAME(S)	In the event center, who is KEEP OUT (of an exposure may seek advic OF REACH OF	e or medical in the from the U.S CHILDREN.	quiry invol	ENT	INF	ORN Es-	MAT EXPO NOHSO ppm ES-	SDS. ION SURE L	IMITS IN	I AIR (mg OSHA ppm	ŋ/m³)	
<u>CHEMII</u> WATE	CAL NAME(S)	In the event center, who is KEEP OUT (of an exposure may seek advice of REACH OF OMPOSIT	e or medical in the from the U.S. CHILDREN. ION & INC. EINECS No.	quiry invol	ENT AC PI	INF	ORN ES-TWA	MAT EXPO NOHSO ppm ES- STEL	SDS. ION SURE L ES- PEAK	IMITS IN	OSHA ppm	g/m³) IDLH	
<u>CHEMI</u> WATE	CAL NAME(S)	In the event center, who is KEEP OUT (of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000	e or medical in the from the U.S CHILDREN. ION & INTERPRETATION & INTERPR	GREDI % 60-100	ENT AC PI TLV NE	INF GIH pm STEL NE	ORN ES-TWA NF	MAT EXPO NOHSC ppm ES- STEL NF	SDS. ION SURE L ES- PEAK NF	PEL NE	I AIR (mş OSHA ppm STEL NE	ıJ/m³) IDLH NE	
CHEMI WATE URET	CAL NAME(S) ER HANE/ACRYLIC BLEND	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000	e or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1	GREDI % 60-100	ENT AC PI TLV NE	INF GIH pm STEL NE	ORN ES- TWA	MAT EXPO NOHSO ppm ES- STEL NF	SDS. ION SURE L ES- PEAK NF	PEL NE	I AIR (mş OSHA ppm STEL NE	ıJ/m³) IDLH NE	
CHEMIN WATE URETI 1-MET DIPRO	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000	e or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1	GREDI % 60-100	ENT AC PI TLV NE	INF GIH pm STEL NE	ORN ES-TWA NF	MAT EXPO NOHSC ppm ES- STEL NF	SDS. ION SURE L ES- PEAK NF	PEL NE	STEL NA	IDLH NE	
CHEMIN WATE URETI 1-MET DIPRO	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA NA Sye Irrit. 2A; H315 JM1575000	EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2	GREDI % 60-100 10-20 1-5	ENT AC PI TLV NE NA	INF GIH pm STEL NE NA NA	ES- TWA NF	MAT EXPO NOHSO ppm ES- STEL NF NF	SDS. SURE L ES- PEAK NF NF	PEL NE NA NA 100	STEL NA NA NA	IDLH NE NA NA	
CHEMIN WATE URETI 1-MET DIPRO ETHER	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL R	In the event center, who is KEEP OUT (3. Ci CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA NA Eye Irrit. 2A; H315 JM1575000 YE0175000	E or medical in the from the U.S. CHILDREN. ION & INC EINECS No. 231-791-2 NA 212-828-1 , H319 252-104-2	GREDI % 60-100 10-20 1-5 1-5	ENT AC PI TLV NE NA 100	INF GIH pm STEL NE NA NA 150	ORN ES- TWA NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF	SDS. SURE L ES- PEAK NF NF NF	PEL NA NA 100	STEL NA NA 150	IDLH NE NA NA	
CHEMIN WATE URETI 1-MET DIPRO ETHER	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL	In the event center, who is KEEP OUT (3. Co CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA NA Sye Irrit. 2A; H315 JM1575000	E or medical in the from the U.S. CHILDREN. ION & INC EINECS No. 231-791-2 NA 212-828-1 , H319 252-104-2	GREDI % 60-100 10-20 1-5 1-5	ENT AC PI TLV NE NA 100	INF GIH pm STEL NE NA NA 150	ORN ES- TWA NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF	SDS. SURE L ES- PEAK NF NF NF	PEL NA NA 100	STEL NA NA 150	IDLH NE NA NA	
CHEMIN WATE URETI 1-MET DIPRO ETHER	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL R	In the event center, who is KEEP OUT (3. Co CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA NA Eye Irrit. 2A; H315 JM1575000 YE0175000 2; Acute Tox. (ora H332, H335	E or medical in the from the U.S. CHILDREN. EINECS No. 231-791-2 NA 212-828-1 , H319 252-104-2 204-469-4 al) 4, Acute Tox.	% 60-100 1-5 1-5 (dermal) 4,	ENT AC PI TLV NE NA 100 1 Skin Co	STEL NA NA 150	ES-TWA NF NF NF Acute To	MAT EXPO NOHSC ppm ES- STEL NF NF NF	SDS. SURE L ES- PEAK NF NF NF	PEL NA NA 100	STEL NA NA 150	IDLH NE NA NA	
CHEMIN WATE URETI 1-MET DIPRO ETHEF	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 Flamm. Liq. 2 H312, H314,	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA NA Sye Irrit. 2A; H315 JM1575000 YE0175000 YE0175000 2; Acute Tox. (ora H332, H335	E or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 EINECS No. 211-828-1 H319 EINECS No. 231-791-2	Quiry invol. manufact manuf	ENT AC PI TLV NE NA 100 1 Skin Co	INF GIH pm STEL NA NA 150 RES	ES- TWA NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF	SDS. SURE L ES- PEAK NF NF NF NF NF NF NF NF	PEL NE NA 100 10 TSE 3	NA 1 AIR (mg OSHA ppm STEL NE NA 150 15 15 15 15	IDLH NE NA NA NA NA H302,	OTHER
CHEMIN WATE URETI 1-MET DIPRO ETHER	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE DPYLENE GLYCOL METHYL R	In the event center, who is KEEP OUT (3. Co CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA VEQUITITE 2A; H315 JM1575000 YE0175000 2; Acute Tox. (ora H332, H335 If conscious a	E or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 All) 4, Acute Tox. FIRST A and alert, rinse	### GREDI ### 60-100 10-20 1-5 1-5 1-5 1-5 (dermal) 4, imports anoth another anot	ENT AC PI TLV NE NA 100 1 Skin Co	STEL NA NA 150 RES	FORM ES- TWA NF NF NF NF NF NF NF NF NF N	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF NF NF NF NF N	SDS. SURE L ES- PEAK NF NF NF NF NF NF Water.	PEL NA NA 100 T SE 3	NA AIR (mg OSHA ppm STEL NE NA NA 150 15 3; H225,	IDLH NE NA NA NA H302,	OTHER t +1 (855) 281-
CHEMIN WATE URETI 1-MET DIPRO ETHEF	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 Flamm. Liq. 2 H312, H314,	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA Sye Irrit. 2A; H315 JM1575000 YE0175000 2; Acute Tox. (ora H332, H335 4. If conscious a 1742 or the	E or medical in the from the U.S. CHILDREN. ION & INC EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 al) 4, Acute Tox. FIRST A and alert, rinse nearest Poiso	great series of the series of	ENT AC PI TLV NE NA 100 1 Skin Co ASUI d drink Center	STEL NA NA 150 RES	FORM ES- TWA NF NF NF NF NF NF NF NF NF N	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF NF NF NF NF N	SDS. SURE L ES- PEAK NF NF NF NF NF NF Water.	PEL NA NA 100 T SE 3	NA AIR (mg OSHA ppm STEL NE NA NA 150 15 3; H225,	IDLH NE NA NA NA H302,	OTHER
CHEMIN WATE URETI 1-MET DIPRO ETHEF	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2 H312, H314,	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA VE Irrit. 2A; H315 JM1575000 YE0175000 2; Acute Tox. (ora H332, H335 If conscious a 1742 or the instructions.	E or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 All) 4, Acute Tox. FIRST A and alert, rinse nearest Poiso Do NOT inductive in the control of the control o	green with an	ENT AC PI TLV NE NA 100 1 Skin Co	STEL NA NA 150 STEL 1-2 Cur or lo	ORN ES- TWA NF NF NF Acute To	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF nilk or nergen	SDS. SURE L ES- PEAK NF NF NF NF NF Cy tele	PEL NA NA 100 10 DT SE 3	NA NA 150 15 15 15 15 15 15 15 15 1	IDLH NE NA NA NA Language ty Call a ser for a	OTHER OTHER tt +1 (855) 281- assistance and
CHEMIN WATE URETI 1-MET DIPRO ETHEF	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2 H312, H314, Ingestion: Eyes:	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA Sye Irrit. 2A; H315 JM1575000 YE0175000 2; Acute Tox. (ora H332, H335 If conscious a 1742 or the instructions. Flush immedi	E or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 Al) 4, Acute Tox. FIRST A and alert, rinse nearest Poiso Do NOT inductately with clear	green water. Control e vomiting in water. C	ENT AC PI TLV NE NA 100 1 Skin Co d drink Center Continue	STEL NA NA 150 STEL 1-2 cur or lo	ORN ES- TWA NF NF NF NF Acute To	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF NF STEL NF NF NF NF NF NF NF NF NF N	SDS. SURE L ES- PEAK NF NF NF NF NF VA, STC water. cy tele utes. S	PEL NA NA 100 T SE 3	NA NA 150 153; H225, et Ct Safee numberedical	IDLH NE NA NA NA NA etyCall a attention	OTHER OTHER tt +1 (855) 281- assistance and if necessary.
CHEMIN WATE URETI 1-MET DIPRO ETHEF	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2 H312, H314,	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA Sye Irrit. 2A; H315 JM1575000 YE0175000 2; Acute Tox. (orall H332, H335 If conscious a 1742 or the instructions. Flush immedial Remove contractions.	E or medical in the from the U.S. CHILDREN. ION & INC. EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 Al) 4, Acute Tox. FIRST A and alert, rinse nearest Poiso Do NOT inductately with clear	great state of the	ENT AC PI TLV NE NA 100 1 Skin Co d drink Center Continue	STEL NA NA 150 STEL 1-2 cur or lo	ORN ES- TWA NF NF NF NF Acute To	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF NF STEL NF NF NF NF NF NF NF NF NF N	SDS. SURE L ES- PEAK NF NF NF NF NF VA, STC water. cy tele utes. S	PEL NA NA 100 T SE 3	NA NA 150 153; H225, et Ct Safee numberedical	IDLH NE NA NA NA NA etyCall a attention	OTHER OTHER tt +1 (855) 281- assistance and
CHEMIN WATE URETI 1-MET DIPRO TRIETI	CAL NAME(S) ER HANE/ACRYLIC BLEND THYL-2-PYRROLIDINONE PYLENE GLYCOL METHYL R HYLAMINE	In the event center, who is KEEP OUT (3. C(CAS No. 7732-18-5 NA 872-50-4 Skin Irri. 2; E 34590-94-8 121-44-8 Flamm. Liq. 2 H312, H314, Ingestion: Eyes:	of an exposure may seek advice of REACH OF OMPOSIT RTECS No. ZC0110000 NA NA VEOLITIES 12A; H315 JM1575000 YE0175000 2; Acute Tox. (orall H332, H335 If conscious a 1742 or the instructions. Flush immedial Remove contattention if irricators.	EINECS No. 231-791-2 NA 212-828-1 H319 252-104-2 204-469-4 All) 4, Acute Tox. FIRST A and alert, rinse nearest Poiso Do NOT inducately with clear aminated cloth	great water. C ing to avois.	ENT AC PI TLV NE NA 100 1 Skin Co ASUI d drink Center continue id prole	TINF GIH PM STEL NA NA 150 RES 1-2 cur or lo e for at enged	ORN ESTWA NF NF NF Acute To	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF STEL NF	SDS. SURE L ES- PEAK NF NF NF NF NF OH, STO water. cy tele utes. Seh affect	PEL NA NA 100 10 T SE 3	NA STEL NA NA 150 15 St H225, additional decision with the decision with the second control of the secon	IDLH NE NA NA NA NA etyCall a attention	OTHER OTHER tt +1 (855) 281- assistance and if necessary.



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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 3.0

SDS Revision Date: 2/11/2022

	1	T	4.	. FIRS	TAID	MEASUR	ES – con	ıt'd				
4.2	Effects of Exposure: Ingestion: If product is swallowed, may cause nausea, headache, vomiting and/or diarrhea and central nervous syst depression.								ystem			
		Eyes:	Irritat	ing to the	eyes. Syn	nptoms of ove	exposure may	/ include redr	ess, itching,	irritation and	watering	q.
		Skin:	May I	be irritating	g to skin in	some sensitiv	e individuals,	especially aft	er prolonged	l and/or repea	ted cont	tact.
		Inhalation:					ormal condition (Composition					
							zziness, heada			,		
4.3	Symptoms of Overexposure:	Eyes:	Irritat	ion upon c	direct conta	act.						
		Skin:	Irritat amou		direct conta	act Irritation ar	id possible dei	rmatitis. May	be absorbed	through the s	kin in h	armf
		Ingestion:			•		ssible sympton			•		
		Inhalation:					oiratory tract in nd symptoms					
4.4	Acute Health Effects:	Causes resp eye irritation		tract irritat	tion. Harm	ful if swallowe	d. Harmful if a	absorbed thro	ugh skin. Ca	auses skin irrit	ation. C	ause
4.5	Chronic Health Effects:	None report	ted by th	ne manufa	cturer.							
4.6	Target Organs:	Eyes, Skin,										
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing	skin, e	ye and res	piratory di	sorders.		HEALTH			1	l
	Aggravated by Exposure.							FLAMM	ABILITY		1	
									AL HAZAF	RDS	0	
								PROTEC	CTIVE EQL	JIPMENT	В	3
								EYES	SKIN	LUNGS		
	F 0 111 M 0 1			sition prod	ucts not kr	nown.	ition products			J		
5.2	Extinguishing Methods:			sition prod	ucts not kr	nown.	•			J	1	
5.2	Extinguishing Methods: Firefighting Procedures:	Use water s When involv First respon	pray, alved in a	sition prod cohol-resis fire, this p nould wea	ucts not kr stant foam product ma r eye prot	nown. , dry chemical ly ignite readil ection. Struc	Halon (if perr and decomp tural firefighter	mitted) or carb ose to produc rs must wear	oon dioxide. ce carbon ox	kides.	100	
		Use water s When involv First respon	pray, alved in a	sition prod cohol-resis fire, this p nould wea	ucts not kr stant foam product ma r eye prot	nown. , dry chemical ly ignite readil ection. Struc	, Halon (if perr	mitted) or carb ose to produc rs must wear	oon dioxide. ce carbon ox	kides.	100	
		Use water s When involv First respon	spray, al ved in a nders sh equipme	sition prod cohol-resis fire, this p nould wea nt. Use a	ucts not kr stant foam product ma ir eye prot water spra	nown. , dry chemical y ignite readil ection. Struc y or fog to rec	Halon (if perr and decomp tural firefighter	mitted) or cart ose to produc rs must wear apors.	oon dioxide. ce carbon ox	kides.	0	
		Use water s When involv First respon protective ed Before clea Equipment.	spray, allowed in anders shequipme	sition prod cohol-resis fire, this p nould wea nt. Use a ACCIDE ny spill or	lucts not know the stant foam or oduct many reye protogram water spra	nown. , dry chemical ny ignite readil ection. Struc ny or fog to rec RELEAS lividuals invol	Halon (if perry and decomptural firefighter uce or direct voted in spill cl	mitted) or cart ose to produc rs must weal /apors. URES	con dioxide. ce carbon ox r SCBAs an	cides. d full		
5.3	Firefighting Procedures:	Use water s When involv First respon protective en Before clea Equipment. For small s ventilation (and place in regulations. contaminate	spray, all ved in a moders shequipme 6. A aning an applied (open do not approximate) Washed cloth	cohol-resis fire, this prould weant. Use a ACCIDE my spill or g., <1 ga poors and woopriate clo all affecting and wa	lucts not know the stant foam or oduct many product many reye protocolor water sprase. The stant is a stant foam of the	nown. dry chemical ry ignite readily ection. Struct ry or fog to receive readily dividuals involved secure all secure all secure all secure and outside of the secure readily before re	Halon (if perry and decomptural firefighter uce or direct vote in spill closersonal proteources of ignit osal. Dispose of container wase.	mitted) or carbose to product in must wear vapors. URES Jeanup must sective equipment ion. Remove of properly in vith plenty of	wear appro	opriate Person oggles, gloves erial with absor with local, star and soap.	b). Max bent ma te and fe Remove	ximiz ateri eder e ar
5.3	Firefighting Procedures:	Use water s When involv First respon protective en Before clea Equipment. For small s ventilation (and place in regulations. contaminate For large sp or earth. Tr disposal. R	spray, al ved in a nders sladuipme 6. A aning an aning anin	cohol-resis fire, this product weath. Use a second was a second with the content of the content	extended to the stant foam or oduct many or oduct many or oduct many or oduct many of the stant foat foat of the stant foat foat of the stant foat of the st	nown. dry chemical y ignite readily ection. Structly or fog to recover appropriate pand secure all	Halon (if perry and decomptural firefighter uce or direct vote in spill classes of ignit personal prote ources of ignit posal. Dispose of container wase. The individuals and wash affective and wash affective in the individuals and wash affective in the individuals.	mitted) or carbose to product rs must wear vapors. URES leanup must rective equipment of properly in with plenty of solid diking mentals are to produce to solid diking mentals are to produce to solid diking mentals are to produce to	wear approper (e.g., go a spilled mate accordance warm wate ontain spill waterial to se	ppriate Persor oggles, gloves erial with absor with local, star r and soap. rith inert mater parate contain	i). Max bent ma te and fe Remove ial (e.g., ers for p	ximiz ateria edera e an , sar prop
5.3	Firefighting Procedures:	Use water s When involv First respon protective en Before clea Equipment. For small s ventilation (and place in regulations. contaminate For large sp or earth. Tr disposal. R cleaning rur	pray, al ved in a nders shaquipme 6. A aning an aning a	cohol-resis fire, this product weath. Use a second was a	estant foam product ma r eye prot water spra ENTAL r leak, inc llon) wear vindows) an issed contai ted areas ash thorou eny entry to portainers foated clothi ipal sewers	nown. dry chemical by ignite readily ection. Structly or fog to recover appropriate pand secure all some secure all unprotect or recovery or ng promptly a some secure secur	Halon (if perry and decomptural firefighter uce or direct vote in spill classes of ignitions of container wase. The disposal of the disposal and so in disposal and	mitted) or carbose to product rs must wear vapors. URES leanup must rective equipment of properly in with plenty of the solid diking meted skin area	wear approper (e.g., go a spilled mate accordance warm wate ontain spill waterial to se	ppriate Persor oggles, gloves erial with absor with local, star r and soap. rith inert mater parate contain	i). Max bent ma te and fe Remove ial (e.g., ers for p	ximiz ateria edera e an , sar propo
6.1	Firefighting Procedures:	Use water s When involv First respon protective en Before clea Equipment. For small s ventilation (and place in regulations. contaminate For large sp or earth. Tr disposal. R cleaning rur	spray, al ved in a nders si equipme 6. A aning an aning	cohol-resistion produced fire, this product weath. Use a modern spill or the content of the cont	ucts not know the stant foam product many product many are eye protogram and the stant foat foat and the stant foat foat and the stant foat foat foat foat foat foat foat foa	And the control of th	Halon (if perry and decomptural firefighter uce or direct vote in spill classes of ignit personal prote ources of ignit posal. Dispose of container wase. The individuals and wash affective and wash affective in the individuals and wash affective in the individuals.	mitted) or carbose to product was must wear wapors. URES Leanup must rective equipment ion. Remove of properly in with plenty of Dike and cosolid diking meted skin area	wear appro- ent (e.g., go spilled mate accordance warm wate entain spill waterial to se s with soap	opriate Person oggles, gloves erial with absor with local, star and soap.	s). Max bent ma le and fe Remove ial (e.g., ers for p eep spill	ximiz ateria edera e an , sar prop lls ar
5.3	Firefighting Procedures: Spills:	Use water s When involv First respon protective en Before clea Equipment. For small s ventilation (and place in regulations. contaminate For large sp or earth. Tr disposal. R cleaning rur Avoid prolor drink or small Open contail	spray, al ved in a nders sladuipme 6. A aning an aning anin	cohol-resisting production produc	extension of king stant foam product may be reversely a stant foam product may be reversely a stant foam product. The stant foat foat foat foat foat foat foat foa	mown. In dry chemical or ignite readily ection. Structly or fog to recover the structly or recovery or not promptly a structly or recovery or not promptly or recovery or not pro	Halon (if perry and decomptural firefighter uce or direct vote in spill of the personal prote ources of ignit osal. Dispose of container wase. He dindividuals. disposal and sand wash affect dies of water.	mitted) or carbose to product on the product of the	wear approper tent (e.g., go spilled mate accordance warm wate ontain spill waterial to se s with soap	ppriate Person oggles, gloves erial with absor with local, star and soap.	b). Max bent made e and fe Remove ial (e.g. ers for peep spill	ximiz ateria edera e ar , sar prop lls ar
6.1	Firefighting Procedures: Spills: Work & Hygiene Practices:	Use water s When involve First response protective en enterment of the second s	spray, al ved in a nders si quipme 6. A aning ar spills (e. (open do nto appr. Washed cloth pills ≥ 1 ransfer Remove noffs ou to ke whill inners side ounts or incomparison in comparison in comparison in the control of the control	cohol-resistion produced fire, this produced weath. Use a second my spill or all affecting and was gallon, deliquid to expend to find a contaminate to find the handling only on a set of this produced in this produced a cool, dratible materials.	extended to the stant foam or oduct may be reproducted a reason of the stant foam. The stant foat foat foat foat foat foat foat foa	nown. , dry chemical y ignite readily ection. Struct y or fog to recover RELEAS lividuals involved secure all secure al	Halon (if perry and decomptural firefighter uce or direct vote in spill of the personal prote ources of ignitional. Dispose of container wase. The personal and sign and wash affections of water.	mitted) or carbose to product some to product some tweath vapors. URES Ideanup must bective equipment of properly in with plenty of Dike and consolid diking meted skin area IATION and exposed tightly when real be handled with the plenty south of the light south of the product of the pro	wear approper to the care warm water as with soap I skin with sent care. Wear accordance warm water and the care warm water accordance water accordance water accordance warm water accordance water water accordance water accordance water water accordanc	priate Persor oggles, gloves erial with absor with local, sta r and soap. with inert mater parate contain and water. K	e). Max bent made e and fe Remove ial (e.g. ers for peep spill . Do no r may co	ximiz ateri eder. e ar , san prop lls ar ot ea



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	8. E	XPOSURE CONTROL	S & F	PERSO	ONAL I	PROT	ECTIO	N – c	ont'd		
8.1	Exposure Limits:		AC	GIH		NOHSC			OSHA		OTHER
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		DIPROPYLENE GLYCOL METHYL									
		ETHER	100	150	NF	NF	NF	100	150	NA	
8.2	Ventilation & Engineering	TRIETHYLAMINE	1	3	NF · · · ·	NF	NF I ti /	10	15	200	() =
0.2	Ventilation & Engineering Controls:	When working with large quantitie that an eyewash station, sink or v	vashbasi	n is availa	able in cas	se of exp	osure to e	yes.			n, fans). Ensure
8.3	Respiratory Protection:	No special respiratory protection i use only respiratory protection									
		applicable U.S. state regulations states, or Australia.	, or the a	appropria	te standar	ds of Ca	nada, its	provinces	s, E.C. m	ember	
8.4	Eye Protection:	Depending on the use of this pro OSHA 29 CFR §1910.133, Canad	dian stan	dards, or	the Europ	ean Star	ndard EN1	66.			
8.5	Hand Protection:	If anticipated that prolonged & report rubber gloves for routine induappropriate standards of Canada	ıstrial use	e. If nec	essary, re						
8.6	Body Protection:	No special body protection is rec refer to appropriate standards of							. If nece	essary,	
		9. PHYSICAL	& CH	EMIC	AL PR	OPEF	RTIES				
9.1	Appearance:	Milky White Liquid									
9.2	Odor:	Mild Odor									
9.3	Odor Threshold:	NA									
9.4	pH:	7.0 – 8.0									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	100 °C (212 °F)									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability Limits:	NA									
9.9	Vapor Pressure:	< 20 mm Hg (20 °C)									
9.10	Vapor Density:	(Air = 1) NDA									
9.11	Relative Density:	1.01									
9.12	Solubility:	Miscible (water)									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	NA									
9.17	Other Information:	Evaporation Rate: < 1.0 (Ethyl B	Ether = 1.	.0)							
		10. STA	BILIT	Y & R	EACT	IVITY					
10.1	Stability:	Stable under ambient conditions	when sto	red prope	erly (See S	Section 7	, Storage a	and Hand	ling).		
10.2	Hazardous Decomposition Products:	If exposed to extremely high temp oxide gases (e.g., CO, CO ₂).								iting va	pors and carbon
10.3	Hazardous Polymerization:	May occur, if exposed to extreme	ly high te	mneratu	res						
10.4	Conditions to Avoid:	None known.	., mgm c	poratu	. 50.						
10.5	Incompatible Substances:	This product is incompatible wit hydrochloric, or muriatic acids), o							uperoxide	es), stro	ong acids (e.g.,
		11. TOXICO	DLOG	ICAL	INFOR	MATI	ON				
11.1	Routes of Entry:	Inhalation: YES			Absorption				Inges	tion: N	10
11.2	Toxicity Data:	LD ₅₀ (oral, rat) = 460 mg/kg; LD ₅₀	(oral, rab	obit) = 3.5	mg/kg						
11.3	Acute Toxicity:	See Section 4.4									
11.4	Chronic Toxicity:	See Section 4.5									
11.5	Suspected Carcinogen:	NA									
11.6	Reproductive Toxicity:	This product is not reported to car									
	Mutagenicity:	This product is not reported to pro									
	Embryotoxicity:	This product is not reported to pro									
	Teratogenicity:	This product is not reported to cal									
11.7	Reproductive Toxicity: Irritancy of Product:	This product is not reported to cal	use repro	oductive e	eitects in h	umans.					
11.7	Biological Exposure Indices:	See Section 4.2									
11.9	Physician Recommendations:	NE Troat symptomatically									
. 1.0	, o.o.a recommendations.	Treat symptomatically.									



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		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	There are no specific data available for this product. The components of this product will slowly degrade over time into a variety of organic compounds.
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	Wests Disposals	
13.1	Waste Disposal: Special Considerations:	Waste disposal must be in accordance with appropriate federal, state, and local regulations.
13.2	Special Considerations.	NA
		14. TRANSPORTATION INFORMATION
		ber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.
14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	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	SARA Reporting Requirements	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA TPQ:	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:	NA .
15.5	Other Federal Requirements:	NA
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. 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	State Regulatory Information:	1-Methyl-2-Pyrrolidinone is found on the following state criteria lists: California Hazardous Substances List (CA), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), and Pennsylvania Right-to-Know List (PA).
		<u>Dipropylene Glycol Methyl Ether</u> is found on the following state criteria lists: FL, MA, MN, NJ, PA, and Washingto Permissible Exposures List (WA).
		Triethylamine is found on the following state criteria lists: FL, MA, MN, NJ, PA, WA, and Wisconsin hazardous Substance List (WI).
		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 Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances Li (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardou Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvan Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). The product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov .
15.8	Other Requirements:	This product is found on the following inventory lists: Australia - AICS, China – IECSC, Europe – ELINCS/EINEC, Japan – ENCS; Korea – KECI; New Zealand – NZIoC; {Philippines – PICCS; USA – TSCA.



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		16. OTHER INFO	DRMATION				
16.1	Other Information:	WARNING! CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash exposed skin areas thoroughly with soap and water after handling. Use only outdoors or in well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical help. Specific treatment see section 4 (First Aid) of this SDS, or this container label. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medial help. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Take off contaminated clothing and wash it before reuse. Get medical help if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	government regulations must be reviewed for a Technologies' knowledge, the information containsuitability or completeness is not guaranteed an The information contained herein relates only to the	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ned herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. The specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest				
16.4	Prepared for:	Birchwood Technologies 7900 Fuller Road Eden Prairie, MN 55344 USA Tel: +1 (952) 937-7900 Fax: +1 (952) 937-7979 http://www.birchwoodtechnologies.com	BIRCHWOOD® TECHNOLOGIES				
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	ShipMate ShipMate Dangerous Goods Training & Consulting				



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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:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

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

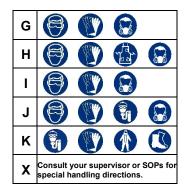
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		The state of the s	
D			
Е			
F		TT,	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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				

HAZARD RATINGS:

Minimal Hazard		FLAMMABILITY		
1	Slight Hazard	\		
2	Moderate Hazard	REACTIVITY		
3	Severe Hazard			
4	Extreme Hazard			
ACD	Acidic			
ALK	Alkaline			
COR	Corrosive	/ \ \ \ \		
W	Use No Water	HEALTH 🔪		
ОХ	Oxidizer	SPECIAL		
TREFOIL	Radioactive	PRECAUTIONS		

TOXICOLOGICAL INFORMATION:

Lethal Dose (solids & liquids) which kills 50% of the exposed animals		
Lethal concentration (gases) which kills 50% of the exposed animal		
Concentration expressed in parts of material per million parts		
Lowest dose to cause a symptom		
Lowest concentration to cause a symptom		
Lowest dose (or concentration) to cause lethal or toxic effects		
International Agency for Research on Cancer		
National Toxicology Program		
Registry of Toxic Effects of Chemical Substances		
Bioconcentration Factor		
Median threshold limit		
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	PSL Canadian Priority Substances List				
TSCA	TSCA U.S. Toxic Substance Control Act				
EU	U European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	(A)	(2)	(3)	\odot	(4)		(R)
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

	(\$)		\Diamond			\Leftrightarrow		(
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment