BIRCHWOOD TECHNOLOGIES

# SAFETY DATA SHEET

Page 1 of 5 **BTI-116** 

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 2020/878/EU Standards

SDS Revision: 1.0

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	I =			CT & COM	PANY	IDE	NII		110	N				
1.1	Product Name:			ER PRO										
1.2	Chemical Name:	Tannic Poly	mer Blend											
1.3	Synonyms:		8050, 868051, 8	868058										
1.4	Trade Names:	Rust Converter PRO												
1.5	Product Use:	Converting,	sealing, and pri	iming rusty surfa	ces									
1.6	Distributor's Name:	Birchwood L	Birchwood Laboratories LLC											
1.7	Distributor's Address:	7900 Fuller	Road, Eden Pra	airie, MN 55344	USA									
1.8	Emergency Phone:			-9300 / +1 (70		887 o	r Pois	on C	ontro	l Cen	ter +'	1 (855	) 281-1	742
1.9	Business Phone / Fax:		37-7900 / +1 (95		•,•=- •							. (000	<u>,</u>	
		1 (902) 90	51-13007 +1 (30	2) 991-1919										
			2. H	AZARDS I	DENT	IFIC	ATIC	ON						
2.1	Hazard Identification:	Prepared in	accordance wi	th UN Globally I	Harmoniz	ed sta	ndards	s. Inte	nded	to com	nply w	ith OSI	HA 29 C	FR 1910.120
		Canadian W	VHMIS and Aust	tralian Work Hea	alth and S	afety s	tandar	ds.						
		-		RIOUS EYE IRRI		HARM	/FUL I	F SW/	ALLO	NED.				
				Acute Tox. 4 (or										
2.2	Label Elements:			19 – Causes ser										
				(P): P264+P265										<b>^</b>
		handling. D	o not touch eye	es. P270 – Do n	ot eat, dr	ink or :	smoke	when	using	this p	oduct	. P280	-	
		Wear eye p	protection/face	protection. P301	– IF SV	VALLO	WED:	Get m	edica	help.	P330	– Rins	se	
		mouth. P30	)5+P351+P338	– IF IN EYES: F	Rinse cau	tiously	with w	ater fo	r seve	eral mi	nutes	Remov	/e	<b>``</b>
				and easy to do.										
		Get medica	al help. P405 -	- Store locked	up. P50'	- Dis	pose (	of con	tents/o	contain	er to	license	es	$\mathbf{V}$
		treatment, s	storage and disp	oosal facility (TSI	DF)									
2.3	Other Warnings:	In the event	t of an exposure	e or medical inq	uiry invol	ving th	is prod	luct, p	ease	contac	t a ph	iysiciar	n or loca	l poison cont
				ce from the U.S.							•	,		
			OF REACH OF			,								
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		3. 0												
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							GIH		NOHS	;		OSH/		
						р	pm		ppm			ppm	1	
										ES-				
HEMI		CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	PEAK	PEL	STEL	IDLH	OTHER
HEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL					OTHER
		CAS No.	RTECS No.	EINECS No.	% 25-50	TLV NA	STEL NA			<b>PEAK</b>	PEL NA	NA	IDLH NA	OTHER
ACRY	LIC POLYMER					1		TWA	STEL					OTHER
CRY		NA	NA	NA	25-50	NA	NA	TWA NF	STEL NF	NF	NA	NA	NA	OTHER
CRY	LIC POLYMER	NA 1401-55-4	NA NA \\; H319	NA 215-753-2	25-50 1-5	NA NA	NA NA	TWA NF	STEL NF	NF	NA	NA	NA	
CRY	LIC POLYMER	NA 1401-55-4 Eye Irrit. 2A	NA NA X; H319 4.	NA 215-753-2 FIRST All	25-50 1-5 <b>D ME</b>		NA NA RES	TWA     NF	STEL NF NF	NF	NA	NA	NA	
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4.2	LIC POLYMER NINS First Aid: Effects of Exposure:	NA         1401-55-4         Eye Irrit. 2A         Ingestion:         Eyes:         Skin:         Inhalation:         Eyes:         Skin:         Ingestion:         Eyes:         Skin:         Inhalation:         Eyes:         Skin:         Inhalation:         Eyes:         Skin:	NA NA NA NA NA NA NA NA NA NA NA NA NA N	NA 215-753-2 FIRST AII JCE VOMITING. ency telephone r s spontaneously in the eyes, flu (s) open to ensu physician or emu minated clothing on worsens, con erly cleaned. to fresh air at or te medical attent direct contact. ossible dermatiti gastrointestinal igh vapor conce ziness, and disor ing, irritation, an ing, itching, rash	25-50 1-5 D ME/ Contact number for keep vi ush eyes re compler ergency of and was tract a phone. Und tion. s. tract. As intractions rientations d swellin a, and sca	NA NA NA Chem or assis ctim's h thorou ete flus oom in sh affe ysician er extro biration may c g arour aling of	NA NA RES Trec + stance head lc ghly w shing. nmedia cted an imme eme co	TWA NF NF NF 1 (800 and in wered wered wered ith cop If the o ately. reas wi diately ondition	NF NF NF ) 424- structii (forwa ious eyes c th soa . Do r th soa, if b I into the soa . I into the soa	NF 9300 cons. Sard) to amound or face ap and ot weathin the lun us sys	NA NA NA Seek ir reduc ts of becor water ir coni g stop	NA NA NA NA NA NA NA NA NA NA NA NA NA N	NA NA NA t Poison ate media sk of as or at lead of a lead or at lead of a lead or at lead of a lead or at lead of a	Control Cent cal attention. piration. ast 15 minute ing or followin persists and/ ing until after icial respiration
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BIRCHWOOD TECHNOLOGIES

# SAFETY DATA SHEET

Page 2 of 5 **BTI-116** 

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 2020/878/EU Standards

SDS Revision: 1.0

cl         Dimensional Cirkac:         May damage the nervous system, kidney and/or liver.           41         Traget Cirkac:         Persons with pre-existing central nervous system (CNS) disease. In the existing central nervous system, kidney disease. In the existing central nervous nervous nervous system, kidney disease. In the existing central nervous n		4. FIRST AID MEASURES – cont'd												
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Prevent runoff from fire control or dilution from entering severs, draits, dirking water supply, or any natural waterway. Friefforthers must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.           8.1         Split:         Before cleaning any split or leak, individuals involved in split cleanup must wear appropriate Personal Protective Equipment. For <u>small splits</u> (e.g., < 1 galion (38 L), wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize 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 containisted clothing and wash thoroughly before reuse. For large splits (e.g., < 1 galion (38 L)), deny entry to all improtected individuals. Dike and containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove containinated clothing promptly and wash affected skin areas with soap and water. Keep splits and cleaning runoffs out of municipal severs and open bodies of water.           7.1         Work & Hygiene Paacless         Avoid protonged contact with the product. Avoid breathing vapors of this product. Avoid excessive dust generation. Use wash affected skin or smake while handling product.           7.2         Storage & Handling:         Keep this material avery from had open finane. Open containers lowly on a stable surface. Keep container dight when not in use. Empty containers in a cool. dty thy cloation, away for direct sunlight, other light sources, or sources of intense heat. Store away from incompaltible materials (See Section 10).			after the fire is out. Use water spra	iy to cool	l fire-exp	osed surface	es and	to protect	persona	al. Fight			<b>0</b>	
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8-11         Spills:         Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 1 gailon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize wentillation (loopen doors and windows) and secure all sources of ignition. Remove spilled metanal 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 throughly before reuse. For large spills (e.g., × 1 gailon (3.8 L)), doney entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal severs and open bodies of water.           7.1         Work & Hyglene Practices:							<b>.</b>				1			
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Ventilation (open doors and windows) and secure all sources of junction. Remove spilled material with absorbent material and place into appropriate closed container(s) for 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 material to be sparate containers for proper disposal. Properly in accordance with local, state and federal (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal severs and open bodies of water.           7.1         Work & Hygene Practices:         Avoid prolonged contact with the product. Avoid breathing vapors of this product. Avoid excessive dust generation. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. To not eat, drink or smoke while handling product.           7.2         Storage & Handling:         Keep this material away from fleet, sparks and open flame. Open containers slowly on a stable surface. Keep container may ontain residual amounts of this product, therefore, empty containers should be handled with care.           7.3         Special Precautions:         Open containers slowly on a stable surface. Keep container tighty closed when not in use. Empty containers may container should be handled with care.           8.1         Exposure Limits:         Accit Notes S PERSONAL PROTECTION           8.1         Exposure Limits:	0.1	Spills:												
Image: split is the split of the split is the split of the s			ventilation (open doors and windows	s) and se	ecure all	sources of ig	nition.	Remove	spilled n	naterial v	with abs	orbent	material	
accontaminated clothing and wash thoroughly before reuse.         For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove containners for recovery or disposal and solid diking material to separate containers for proper disposal. Remove containners for municipal severs and open bodies of water.           7. HANDLING & STORAGE INFORMATION           7.1         Work & Hygiene Practices:         Avoid prolonged contact with the product. Avoid breathing vapors of this product. Avoid excessive dust generation. Use in a well-wentilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.           7.2         Storage & Handling:         Keep this material away from heat, sparks and open fame. Open containers slowly on a stable surface. Keep container locased tightity when not in use. Empty containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (See Section 10).           7.3         Special Precautons:         Open containers slowly on a stable surface. Keep container tightly cloade with care.           Storage & Handling:           ACC M NONS           Open containers slowly on a stable surface. Keep container tightly cloade when not in use. Empty containers should be handled with care. <td colspa<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td>													
Image: stand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery and cleanup. Transfer liquid to containers for recovery and value.           Image: stand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery and value.         Remove containnated coluting prompting and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.           7.1         Work & Hygiene Practices.         Avoid prolonged contact with the product. Avoid breathing yapors of this product. Avoid excessive dust generation. Use in a well-ventilated to cale akhaust ventilation, fans). Affer use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.           7.2         Storage & Handling:         Keep this material away from heat sparks and open fame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care.           7.3         Special Precautions:         Open containers y from incompatible materials (See Section 10).         Other lightly closed when not in use. Empty containers is should be handled with care.           8.1         Exposure Limits: ppm (mg/m)         Aceint Notes (See Section 10).         Other lightly closed when not in use. Empty containers is only on a stable surface.         Other lightly closed when not in use. Empty containers is only on a stable surface.           8.1         Exposure Limits: ppm (mg/m)         Cutemator fore (See Section 10)			contaminated clothing and wash the	roughly l	before re	use.					•		-	
available       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.         7.1       Work & Hygiene Practices:       Avoid prolonged contact with the product. Avoid breathing vapors of this product. Avoid excessive dust generation. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not est, drink or smoke while handling product.         7.2       Storage & Handling:       Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (See Section 10).         7.3       Special Precautions:       Open container slowly on a stable surface. Keep container should be handled with care.         8. EXPOSURE CONTROLS & PERSONAL PROTECTION         8.1       Exposure Limits: ppm (mg/m <sup>2</sup> )       Open containers appropriate decontainners appropriate decontainners appropriate decontainer is available (e.g., sink, safety shower, eye-wash station).         8.2       Ventilation & Engineering       Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mit generated from the handling of this product. Ensure appropriate decontainantion equipment is available (e.g., sink, safety shower, eye-wash station).         8.3       Respiratory Protecti														
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8.1       Exposure Limits: prm (mg/m <sup>2</sup> )       OBHA       OTHER         8.1       Exposure Limits: prm (mg/m <sup>2</sup> )       CHEMICAL NAME(S)       TLV       STEL       Es-PEAK       PEL       STEL       IDLH         8.2       Ventilation & Engineering Controls:       Wespiratory Protection:       In instances where vapors or sparsy of this product: respiratory protection is needed, use only protection       In instances where vapors or sparsy of this product. Respiratory protection       In instances with side shields must be used when handling or using this protection. A protective face shield is also recommended.         8.4       Eye Protection:       In instances with side shields must be used when handling or using this product. A protective face shield is also recommended.       Sources (e.g., neoprene) when using or handling this product.         8.4       Eye Protection:       Not required under normal conditions of use. A chemical resistant apron and/or protective face shield is also recommended.														
Auge	7.1	Work & Hygiene Practices:												
closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (See Section 10).         7.3       Special Precautions:       Open containers slowly on a stable surface. Keep container should be handled with care.         8. EXPOSURE CONTROLS & PERSONAL PROTECTION         8.1       Exposure Limits: ppm (mg/m <sup>3</sup> )       OTHER         CHEMICAL NAME(S)       TLV       STEL       ES-PEAK       PEL       STEL       IDLH         8.2       Ventilation & Engineering Controls:       Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).         8.3       Respiratory Protection:       In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.         8.4       Eye Protection:       Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended.       Safety glasses with side shields must be used when handling or handling this product.         8.6       Body Protection:			water. Do not eat, drink or smoke w	hile han	dling pro	duct.							•	
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8.1       Exposure Limits: ppm (mg/m³)       OTHER         8.1       Exposure Limits: ppm (mg/m³)       CHEMICAL NAME(S)       TLV       STEL       ES-TWA       STEL       ES-PEAK       PEL       STEL       IDLH         8.2       Ventilation & Engineering Controls:       Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).         8.3       Respiratory Protection:       In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.         8.4       Eye Protection:       Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended.       Image: Safety glasses with side shields must be used when using or handling this product.         8.5       Hand Protection:       Not required under normal conditions of use. A chemical resistant apron and/or protective clothing are			•											
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NA       NA       NA       NA       NA       NF       NF       NA       NA       NA         8.2       Ventilation & Engineering Controls:       Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).         8.3       Respiratory Protection:       In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.         8.4       Eye Protection:       Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended.       Image: Safety glasses with side shields must be used when using or handling this product.         8.5       Hand Protection:       Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product.       Image: Safety glasse         8.6       Body Protection:       Not required under normal conditions of use. A chemical resistant apron and/or protective clothing are	0.1						ES-					UTHER	<u> </u>	
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8.4       Eve Protection:       Safety glasses with side shields must be used when handling or using this product. A protective face shield is also recommended.         8.5       Hand Protection:       Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product.         8.6       Body Protection:       Not required under normal conditions of use. A chemical resistant apron and/or protective clothing are			0 1	propriate	deconta	mination equ	uipmer	nt is availal	ole (e.g.,	sink, sa	afety sho	ower, e	ye-wash	
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	8.5	Hand Protection:		gloves (e	ə.g., neo	prene) when	using	or handling	g this pro	oduct.		Ø		
	8.6	Body Protection:									ng are			



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 2020/878/EU Standards

SDS Revision: 1.0

		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	White viscous liquid
9.2	Odor:	Slight acrylate
9.3	Odor Threshold:	NA
9.4	pH:	1.5-2.0
9.5	Melting Point/Freezing Point:	0 °C (32 °F) approximate
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:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.08
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:	NA
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable under normal storage and use conditions.
10.2	Hazardous Decomposition Products:	Will not occur
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Excessive heat and incompatible materials.
10.5	Incompatible Substances:	Strong reducing agents, acids, alkalis, oxidizing agents.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product:
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:	
11.0	Mutagenicity:	This product is not reported to cause reproductive toxicity in humans.
		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 4.2
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	No data available.
12.3	Effects on Aquatic Life:	No data available.
	Waste Disposal:	13. DISPOSAL CONSIDERATIONS Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state
13.1 13.2	Special Considerations:	and local regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with



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SDS Revision: 1.0

		14. TRANSPORTATIO				
The b	pasic description (ID Number		roup) is shown for each mode of transportation. Additional descriptive information			
may l	be 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 I	NFORMATION			
15.1	SARA Reporting Requirements:		bject to SARA Title III, section 313 reporting requirements.			
15.2	SARA TPQ:	NA				
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:	required by the HPR. The components of this prod are listed on the Priorities Substances List.	e hazard criteria of the HPR and the SDS contains all the information luct are listed on the DSL/NDSL. None of the components of this product			
15.7	State Regulatory Information:	No 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 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:		sts: Australia (AICS), China (IECSC), Europe (ELINCS/EINEC), Japan			
		16. OTHER INFO	ORMATION			
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRRITATIO				
10.1		Wash hands and exposed areas thoroughly after product. Wear eye protection/face protection. If	handling. Do not touch eyes. Do not eat, drink or smoke when using this 5 SWALLOWED: Get medical help. Rinse mouth. IF IN EYES: Rinse we contact lenses, if present and easy to do. Continue rinsing. If eye			
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.				
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to C government regulations must be reviewed for Technologies' knowledge, the information contai suitability or completeness is not guaranteed an The information contained herein relates only to t	DSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ined herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. he 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	Consulting			



### SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 2020/878/EU Standards

SDS Revision: 1.0 SDS

SDS Revision Date: 12/30/2023

### **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	IH American Conference on Governmental Industrial Hygienists			
IDLH	IDLH Immediately Dangerous to Life and Health			
NOHSC	NOHSC National Occupational Health and Safety Commission (Australia)			
OSHA	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:

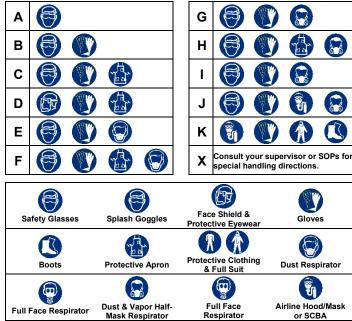
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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

### PERSONAL PROTECTION RATINGS:



#### OTHER STANDARD ABBREVIATIONS:

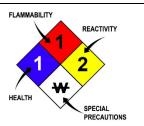
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	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:

0	Minimal Hazard	FLA
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	•
ALK	Alkaline	
COR	Corrosive	/
W	Use No Water	HE.
OX	Oxidizer	
TREEOII	Radioactive	



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>lo</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>lo</sub> , LD <sub>lo</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
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)				

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

		٨	$\Diamond$					
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment