SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/25/2015 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **3 PC SUPER GLUE** 12 Chemical Name Cyanoacrylate Mixture 1.3 Synonyms P/N 42367 1.4 Trade Names Harbor Freight Tools 15 Product Uses & Restrictions Cyanoacrylate Adhesive 1.6 Distributor's Name: Harbor Freight Tools USA, Inc. 1.7 Distributor's Address: 26541 Agoura Road, Calabasas, CA 91302 USA 1.8 Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687) 1.9 Business Phone / Fax: +1 (805) 388-1000 2. HAZARDS IDENTIFICATION Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS 2.1 according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia). WARNING! CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. Classification: Skin Irrit.2; Skin Sens. 1; Eye Dam. 1; STOT SE 3 Hazard Statements (H): H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye irritation. H335 - May cause respiratory irritation. Precautionary Statements (P): P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat/sparks/open flame/hot surfaces - No Smoking. P233 - Keep container tightly closed. P261 -Avoid breathing fume/ mist/vapors/spray. P264 - Wash exposed skin areas thoroughly with soap and water after handling. P272 - Contaminated work clothing should not be allowed out of the P280 - Wear protective gloves/protective clothing/eve protection/face protection. workplace P302+P352 - IF ON SKIN: Wash with soap and water. P305+P351+P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. P333+P313 - If skin irritation or a rash occurs - Get medical advice/attention. P321 - For specific first aid treatment (See Section 4 of this Safety Data Sheet). P363 - Wash contaminated clothing before reuse. P370+P378 - In case of fire, CO₂, Halon (if permitted), dry chemical, or foam for extinction. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF) 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm ES ES-ES-RTECS No. TLV STEL STEL PEL STEL IDLH CHEMICAL NAME(S) CAS No. EINECS No. % TWA PEAK OTHER UD3330050 230-391-5 60-100 7085-85-0 (02)NA NF NF NF NA NA NA ETHYL-2 CYANOACRYLATE Skin Irrit.2; Eye Irrit. 2; STOT SE 3; H315, H319, H335 NF NA 204-617-8 0.0-0.5 NA NA NF 2 NA 50 123-31-9 MX3500000 HYDROQUINONE Acute Tox. 4 *; Eye Dam. 1; Skin Sens. 1; Aquatic Acute 1; H302, H318, H317, H400 4. FIRST AID MEASURES 4.1 First Aid: Ingestion: If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. <u>Skin</u>: WARNING! THIS PRODUCT WILL BOND SKIN INSTANTLY. Do not pull. Peel slowly using acetone, (use lukewarm water only for product removal, if skin bonding has occurred near the eyes). If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician. Immediately Eyes: Contact a physician immediately. Do not try to open the eye. Flush with cool water for at least 15 minutes opening and closing eyelids to ensure thorough irrigation. If irritation persists, contact a physician. Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate Inhalation: medical attention. Clothing: May bond skin to clothing and may release heat, causing burns. Cool burned area immediately with cold water. If clothing adheres to skin, do not pull; peel slowly under lukewarm water. Consult a physician for treatment of burns.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/25/2015 4. FIRST AID MEASURES - cont'd If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system 42 Effects of Exposure: Ingestion: depression. Vapor of this product may be mildly to moderately irritation to the eyes. Symptoms of overexposure may Eyes: include redness, itching, irritation and watering. WARNING! THIS PRODUCT WILL BOND SKIN INSTANTLY. May be irritating to skin in some sensitive Skin: individuals, especially after prolonged or repeated skin contact. May bond skin to clothing and release heat, causing burns. Inhalation of vapors is unlikely under normal conditions of use. Vapors of this product may be slightly Inhalation: irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. May undergo rapid polymerization on contact with clothing, releasing heat. Skin burns may result. Clothina: 4.3 Symptoms of Overexposure: Symptoms of skin overexposure in some sensitive individuals may include redness, itching, and irritation of affected areas. Overexposure of vapor in eyes may cause redness, itching and watering. 4.4 Acute Health Effects: Mild to moderate irritation to skin near affected areas. Vapor of this product may be mildly to moderately irritating to the eyes and mucous membranes. Symptoms of overexposure may include redness, itching, irritation and watering. Chronic Health Effects: 4.5 None known. 46 Target Organs: Eyes, Skin 47 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** 0 Aggravated by Exposure: target organs (eyes, skin, and respiratory) FLAMMABILITY 1 **PHYSICAL HAZARDS** 0 **PROTECTIVE EQUIPMENT** В EYES SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: 5.1 This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO_x, Hydrocarbons). 52 Extinguishing Methods: CO2, Dry Chemical, Alcohol Foam. Use water spray to cool containers 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fireexposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters 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. 6. ACCIDENTAL RELEASE MEASURES 6.1 Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Quickly wipe material off surface avoiding skin contact. Treat surface residue with water to set clue. Cured material maybe removed with acetone containing 6-10% water. Dispose of properly in accordance with local, state and federal regulations. Remove any contaminated 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. Add water to induce complete polymerization. Scrape solid from surface and seal in properly labelled containers for disposal. Any residue on surface may be removed by abrasion. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION WARNING! THIS PRODUCT WILL BOND SKIN INSTANTLY. Avoid skin contact. Avoid breathing vapors of this 7.1 Work & Hygiene Practices: product. Use eye protection when using this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap & water. Do not eat, drink or smoke while handling product. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may 7.2 Storage & Handling: 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 (< 38 °C/100 °F). Store away from incompatible materials (See Section 10, Stability and Reactivity). Avoid skin contact. Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty Special Precautions: 7.3 containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/25/2015 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Exposure Limits: ACGIH NOHSC OSHA OTHER ppm (mg/m³) TLV STEL ES-STEL ES-PEAK CHEMICAL NAME(S) ES-TWA PEL STEL IDLH ETHYL-2 CYANOACRYLATE (0.2)NA NF NF NF NA NA NA **HYDROQUINONE** NA NF NA 2 NF NA NA 50 8.2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general Controls 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) Respiratory Protection: 8.3 No special respiratory protection is required under typical circumstances of use or handling. In instances where mist or vapors 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 equipped with side shields should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing or spraying is anticipated. Wear goggles and face shield if material is heated above 125 °F (51 °C). Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU) THIS PRODUCT WILL BOND SKIN INSTANTLY. Use gloves constructed of 8.5 Hand Protection: WARNING! chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states. 8.6 Body Protection: Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek[®]) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA. 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Liquid clear colorless 92 Odor Mild to no odor. 9.3 Odor Threshold: NA 9.4 pH: NA 9.5 Melting Point/Freezing Point: NA Initial Boiling Point/Boiling 9.6 60-70 @ 3-5 mm Hg Range: 9.7 Flashpoint: 80 °C (176 °F) 9.8 Upper/Lower Flammability NA L imits 99 Vapor Pressure: 0.02 kPa 9.10 Vapor Density: 1 9.11 Relative Density: 1.07 @ 20 °C 9.12 Solubility: Insoluble in water. Cured material is soluble in acetone 9.13 Partition Coefficient (log Pow): NA Autoignition Temperature 9.14 NA 9.15 Decomposition Temperature: NA 9.16 Viscositv 40-60 cPs 9.17 Other Information: VOC: < 2% g/l (California SCAQMD Method 316B)(Estimated) 10. STABILITY & REACTIVITY 10.1 Stability: Stable under normal conditions; unstable with heat or contamination. 10.2 Hazardous Decomposition Oxides of carbon (CO, CO₂). Products: Hazardous Polymerization: 10.3 Will not occur. 10.4 Conditions to Avoid Open flames, sparks, high heat, incompatible substances and direct sunlight. 10.5 Incompatible Substances: Avoid extreme heat and ignition sources, strong acids and alkalis, reactive metals and strong oxidizing agents. **11. TOXICOLOGICAL INFORMATION** 11.1 Routes of Entry Inhalation: YES Absorption: YES Ingestion: YES 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 and is not presented in this document. 11.3 Acute Toxicity: See section 4.4 11.4 Chronic Toxicity: See section 4.5 11.5 Suspected Carcinogen: Hydroquinone is listed as ACGIH Group A3 (Confirmed animal carcinogen with unknown relevance to human)

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	Reproductive Toxicity:	This product is not reported to produce 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:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
	Environmental Stability:	There are no specific data available for this product.
12.1		There are no specific data available for this product.
12.1 12.2	Effects on Plants & Animals:	

L			13: DIGI GORE GONGIDERATIONO
	13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
	13.2	Special Considerations:	NA

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED	
14.2	IATA (AIR):	UN3334, AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE), 9, III	₩¥
		(LTD QTY, IP VOL \leq 5.0 L)	
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 contains <u>Hydroquinone</u> , a substance subject to SARA Title III, section 313 reporting requirements.							
15.2	SARA Threshold Planning Quantity:	Hydroquinone: 500 kg (1,000 lbs)					
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.					
15.4	CERCLA Reportable Quantity (RQ):	Hydroquinone: 45.4 kg (100 lbs)					
15.5	Other Federal Requirements:	None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Clean Water Act (CWA). This product does not contain any Class 1 or Class 2 ozone depletors.					
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS 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 D2B (Other Toxic Effects)					
15.7	State Regulatory Information:	Ethyl Cyanoacrylate is found on the following state criteria list: New Jersey Right-to-Know List (NJ). <u>Hydroquinone</u> is found on the following state criteria list: FL, MA, MN, NY PA and WA. 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:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: <u>Ethyl Cyanoacrylate</u> : Irritant (Xi). <u>Risk phrases</u> (R): 36/37/38-43 - Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact. <u>Safety Phrases</u> (S): 2-24/25-26-46Keep away from children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this SDS or container label.					

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		16. OTHER INFO	DRMATION				
16.1	Other Information:	IRRITATION. MAY CAUSE RESPIRATOR IMMEDIATELY. Use only as directed. Obtain read and understood. Avoid breathing fume/ m water after handling. Wear protective gloves/pro soap and water. IF IN EYES: Rinse continuousl easy to do – continue rinsing. If skin irritation	CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE RY IRRITATION. WARNING: THIS PRODUCT BONDS SKIN special instructions before use. Make sure all safety precautions are hist/vapors/spray. Wash exposed skin areas thoroughly with soap and tective clothing/eye protection/face protection. IF ON SKIN: Wash with y with water for several minutes. Remove contact lenses if present and or a rash occurs – Get medical advice/attention. Wash contaminated blace. Keep cool. KEEP 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 an Tools USA, Inc.'s knowledge, the information accuracy, suitability or completeness is not guar provided. The information contained herein relation	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 & Harbor Freight Tools USA, Inc.'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 accurate the latest of the specific product (s) is combined with other materials.				
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 HARBOR FREIGHT TOOLS http://www.harborfreight.com Quality Tools at Ridiculously Low Prices					
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					

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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

EXPOSURE LIMITS IN AIR:						
ACGIH	American Conference on Governmental Industrial Hygienists					
С	C Ceiling Limit					
ES Exposure Standard (Australia)						
IDLH Immediately Dangerous to Life and Health						
OSHA U.S. Occupational Safety and Health Administration						
PEL	Permissible Exposure Limit					
STEL	Short-Term Exposure Limit					
TLV	Threshold Limit Value					
TWA	TWA Time Weighted Average					
FIRST AID MEASURES:						

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

HMIS-	HMIS-III 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	0			
в					н			E.	
С	0		E.		I	0			
D	B		E.		J	0		Î	
Е					κ	5		R	
F			E.		Х	Consult special I	your sup handling	ervisor o direction	r SOPs fo s.
Sa	fety Glasse	es	Splash	Goggles		e Shield & tive Eyew		Glove	es
	Boots		Syntheti	c Apron		tive Cloth	ing	Dust Res	pirator
			8	3				Ĩ	
Full I	ace Respi	rator		apor Half- espirator		ull Face espirator	A	irline Hoo or SC	
отн	ER STAN	DARD		/IATIONS	:				
ML Maximum Limit									
	mg/m3 milligrams per cubic meter			ibic meter					
	NA	Not Av	ailable						
	ND	Not De	etermined						
	NE	Not Es	tablished						
	NF	Not Fo	ound						
	NR	No Re	sults						

NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus
NATIONAL FI	RE PROTECTION ASSOCIATION: NFPA
FLAMMABILI	TY LIMITS IN AIR:
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
L FI	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will

explode or ignite in the presence of an ignition source

Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

UEL

	ACD	Acidio	;								~ 2	/
	ALK	Alkalii	ne						\sim	\checkmark	., V	
	COR	Corro	sive						ALTI			
	w	Use N	lo Wate	er				nc.	ALII	' \	X SDI	ECIAL
	OX	C Oxidiz	zer									ECAUTIONS
	TREFOIL											
heart has	TOXICOL		1									
ulate blood			LD ₅₀	S								ed animals
			LC ₅₀				-				the expose	
			ppm							naterial pe	r million par	ts
			TD _{lo}		t dose to							
	TD		CLo		t concen							-4-
S		LD _{io} , & L _o , LC _{io} , &		Lowes	t dose (c	or conc	entra	ation) to	cau	se lethal c	or toxic effe	CTS
CTION	10,10		ARC	Interna	tional A	rency	for R	esearch	n on	Cancer		
			NTP		al Toxico				1 011	Gander		
			ECS				-		ical	Substance	es	
			BCF		centratio							
			TLm		h thresho							
	Koc	Coeffic	cient of C)il/Wate	ər Di	stributio	n					
	REGULAT											
0	WHMIS	Cana	dian Wo	orkplace	e Hazard	lous M	ateri	al Inforn	natio	on System		
6.6	DOT	U.S. [Departn	nent of	Transpo	rtation						
	тс	Trans	port Ca	inada								
	EPA	U.S. E	Inviron	mental Protection Agency								
0	DSL	Cana	dian Do	omestic Substance List								
	NOHSC	Nation	nal Occ	cupational Health and Safety Commission (Australia)								
	NDSL	. Cana	dian No	on-Domestic Substance List								
	PSL	Canad	dian Pri	riority Substances List								
	TSCA	U.S. 1	oxic S	Substance Control Act								
or SOPs for	EU	Europ	ean Ur	Inion (European Union Directive 67/548/EEC)								
ns.	WGK		-	hrdungsklassen (German Water Hazard Class)								
	HMIS-II			nt & Coatings Association Hazardous Materials Identification System								
	WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTE									STEM:		
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spirator	Class A	Class B	с	lass C	Class	D1	Cla	ss D2	Cla	ass D3	Class E	Class F
	Compressed	Flammabl	e Ox	kidizing	Tox	ic	Irrit	tation	Inf	ectious	Corrosive	Reactive
od/Mask	EC (67/54	8/EEC)	INFOF	RMATI	ON:	<u> </u>					<u> </u>	
CBA				N	¥	2	ł		4		×	×
	С	Е		F	N			0		т	Xi	Xn
	Corrosive	Explosive		mmable	Harm		Oxi	dizing		Гохіс	Irritant	Harmful
	CLP/GHS	(1272/2	008/E	C) PIC	TOGR	AMS:		1				
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	GHS01	GHS02	GHS	03 (GHS04	GHS	05	GHS0	6	GHS07	GHS08	GHS09

HAZARD RATINGS:							
0	Minimal Hazard						
1	Slight Hazard						
2	Moderate Hazard						
3 Severe Hazard							
4	Extreme Hazard						
ACD	Acidic						
ALK	Alkaline						
COR	Corrosive						
₩	Use No Water						
ох	Oxidizer						
TREFOIL	Radioactive						
TOYICOLOGICAL INFORMATION:							



		5					
	LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal					
	ppm	Concentration expressed in parts of material per million parts					
	TD _{lo}	Lowest dose to cause a symptom					
	TCLo	Lowest concentration to cause a symptom					
TD _{io} , LI	D _{io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects					
TC, TC₀,	LC _{io} , & LC _o						
	IARC	International Agency for Research on Cancer					
	NTP	National Toxicology Program					
	RTECS	Registry of Toxic Effects of Chemical Substances					
	BCF	Bioconcentration Factor					
	TL _m	Median threshold limit					
log K _{ov}	v or log K _{oc}	Coefficient of Oil/Water Distribution					
REGULATO	RY INFOR	MATION:					
WHMIS	Canadian W	Vorkplace Hazardous Material Information System					
DOT	U.S. Depart	ment of Transportation					
TC	Transport C	anada					
EPA	U.S. Enviror	nmental Protection Agency					
DSL	Canadian D	omestic Substance List					
NOHSC	DHSC National Occupational Health and Safety Commission (Australia)						
NDSL	NDSL Canadian Non-Domestic Substance List						
PSL	PSL Canadian Priority Substances List						
TSCA	TSCA U.S. Toxic Substance Control Act						
EU	EU European Union (European Union Directive 67/548/EEC)						
WGK	Wassergefä	ihrdungsklassen (German Water Hazard Class)					
HMIS-III	National Pa	int & Coatings Association Hazardous Materials Identification System					

WORK EASE HARACOOS MATERIAES IDENTIFICATION (MINING) STOTEM.									
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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:									

¶ <mark>≉</mark>]		N.	¥	0		×	×
с	E	F	Ν	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

			\diamondsuit			! >		
GHS0 ⁻	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosiv	e Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment