U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration

Form Approved OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

Simpunding, i	110 21	uporeaking	g (29 CFR	1915, 19	16, 1917)	***************************************		
		SECT	IONI		REVISED 4	/89		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.							
BROTHERS RESEARCH CORPORATION	ada li				· (919) 229-6	6480 		
ADDRESS Number, Street, City, State and ZIP Co 2245 AIRPARK DRIVE, BURLINGTON,	"NC	27215						
CHEMICAL NAME AND SYNONYMS SURFACTANT, ALKALI, SOLVENT	TRADE NAME AND SYNONYMS DURACLOSS WTC							
BUTYE^CLEANEK	PROPRIETARY							
OCOTION		110700		100701				
SECTION	111 •	Y	ון צטטטן	VGREDIE	ENIS			
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALL	ONS AND	METALLIC COATINGS	%	- (Unit	
PIGMENTS			BASE METAL					
CATALYST		Tanahan dalah	ALLOYS					
VEHICLE			METALL	C COATING	38			
SOLVENTS 2-BUTOXYETHANOL	5		FILLER METAL PLUS COATING OR CORE FLUX					
ADDITIVES (GAS: # 111-76-2)			OTHERS					
OTHERS .							- Taniferonian con-	
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES								
		·				1 %	(Units	
CON	/IATV	NS ALKAL	INE COM	POUNDS		_		
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- SEC	CTIO	N 111 - F	HYSICA	L DATA		**************************************	************	
BOILING POINT (°F.)		212°F	SPECIFIC	GRAVITY	(H ₂ O=1)		1.0	
VAPOR PRESSURE (mm Hg.)		NA	PERCENT BY VOLU	IT, VOLATILE UME (%)			90	
VAPOR DENSITY (AIR=1)		NA	EVAPOR	ATION RAT	re		NA	
SOLUBILITY IN WATER	S	OLUBLE			enterent in the second			
APPEARANCE AND ODOR CLEAR LIQUI	D							
SECTION IV	FIR	IF AND I	EXPLOS	ION HAZ	ARDDATA			
SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASH POINT (Method used) > 200°F FLAMMABLE LIMITS Lei							Uei	
EXTINGUISHING MEDIA WATER, CO2, FO		Conclusion to the second se						
SPECIAL FIRE FIGHTING PROCEDURES	UNIT		NONE					
	me della grado de de constant		· · ·				Notice of the last	
UNUSUAL FIRE AND EXPLOSION HAZARDS			***************************************	•				
			NONE .		•			

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AVOID TERNALLY RST AID PROCEDU WASH WITH SO WASH WITH WAT NOT TAKE INT	res DAP AN TER -	D WATE							
TERNALLY. ST AID PROCEDU WASH WITH SO WASH WITH WAS NOT TAKE INT	res DAP AN TER -	D WATE		ACT WITH SKIN. AVOID CONTACT WITH EYES.					
WASH WITH SO WASH WITH WAT NOT TAKE INT	DAP AN FER -	DEI'N 1							
WASH WITH SO WASH WITH WAT NOT TAKE INT	DAP AN FER -	DEI'N 1			Parameter 1				
NOT TAKE INT		DEI'N 1	<u> </u>	APPLY LOTION TO ADD MOISTURE					
	TERNAL!	· ·	ŒDI(CAL ATTENTION	All lines in the l				
		LY.			Parameter				
					poliners.				
	SECTIO	ON VI	- R	EACTIVITY DATA	Metalenger				
INSTABLE				NS TO AVOID					
STABLE X		10							
aterials to avoid)	AOTEG	1 AC	TDS.						
OSITION PRODUC	TS				-				
		N/	A						
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WILL NOT O	CCUR	- Articona	X		n comme				
			- 16	I VCID2					
CECTI	OSI 1/11								
35011	ON VII	- SPI	LL (OR LEAK PROCEDURES	Marianaga				
CASE MATERIA	L IS REL	EASED	OR S	PILLEO					
OD COMPANIE									
OR COVER WIT	H ABSC	DRBANT	INF	ERT MATERIAL					
G TO LOCAL.	STATE	ात्रम प्र	DEDA	I DECHI ATTOWN	Name and				
		OK I LI	JERA	L REGULATIONS					
					Printerson Co.				
SECTION V	III - S	PECIA	LPF	ROTECTION INCORMATION					
TION (Specify type	7			10 LEGITON INFORMATION					
· · · · · · · · · · · · · · · · · · ·		NONE	REC	JUTRED					
CHANICAL /Com	-11	XX		SPECIAL					
- MILLONE GENER	aıj			OTHER					
YEC	•			EYE PROTECTION					
UIPMENT				YES	Series September 1				
•					Madingungage				
_									
SEC	TION I	X · SI	PECI	AL PRECAUTIONS	Photogram				
KEN IN HANDLIN	G AND	STORING	0	1.10140					
					Alleged Wor				
	STORE	AWAY F	ROM	ACIDS .					
	MAY OCCUR WILL NOT OF SECTION OR COVER WITH HOD G TO LOCAL, SECTION V TION (Specify type CAL EXHAUST CHANICAL (Gener YES UIPMENT SEC	SECTION VIII - S TION (Specify type) CAL EXHAUST CHANICAL (General) YES UIPMENT ACIDS AC	ACIDS OSITION PRODUCTS MAY OCCUR WILL NOT OCCUR SECTION VII - SPI N CASE MATERIAL IS RELEASED OR COVER WITH ABSORBANT HOD G TO LOCAL, STATE OR FEI SECTION VIII - SPECIA TION (Specify type) CAL EXHAUST CHANICAL (General) YES UIPMENT SECTION IX - SI KEN IN HANDLING AND STORING STORE AWAY I	ACIDS OSITION PRODUCTS MAY OCCUR WILL NOT OCCUR SECTION VII - SPILL OF CASE MATERIAL IS RELEASED OR SOME COVER WITH ABSORBANT INFORMATION (Specify type) CAL EXHAUST CHANICAL (General) YES UIPMENT SECTION IX - SPECIAL PROMES SECTION IX - SPECIAL OF CALENDARY STORE AWAY FROM	ACIDS OSITION PRODUCTS MAY OCCUR WILL NOT OCCUR X ACIDS SECTION VII - SPILL OR LEAK PROCEDURES N CASE MATERIAL IS RELEASED OR SPILLED OR COVER WITH ABSORBANT INERT MATERIAL. HOD G TO LOCAL, STATE OR FEDERAL REGULATIONS SECTION VIII - SPECIAL PROTECTION INFORMATION TION (Specify type) CAL EXHAUST CHANICAL (General) YES SECTION IX - SPECIAL PRECAUTIONS KEN IN HANDLING AND STORING STORE AWAY FROM ACIDS				