BECTION 1 - IDENTIFICATION

FOSECO INC.

MATERIAL SAFETY DATA SHEET (29 CFR PART 1910.1200 -HAZARD COMMUNICATION)

DDRESS:	RER/DISTRIBU 20200 Sheld	CUPREX 1 TTOR: Foseco, lon Road Ohio 44142	Inc.	PREPARER: DURING NOR TELEPHONE: OUTSIDE NO	RED: February Trevor Hardy MAL BUSINESS (216) 826-45 RMAL BUSINESS CHEMTREC 1-8	HOURS 548 B HOURS
ECTION 2	- HAZARDOUS	COMPONENTS				
	COMPONENT		3	(mg/M3)		OTHER LIMITS
Silica (C	Duartz)	14808-60-7	<30			N/A
	· ·				(respirable)	
		7681-49-4		2.5 as F		
langanese	Dioxide	1313-13-9		C5		N/A
Perlite	·· <u>·</u>	**	<5	15 (total)	10	N/A
	lly occurring					
Natural I ION 3 SOILING PT VAPOR PRES VAPOR DENS	- PHYSICAL/ T:N/A BSURE:N/A BSURE:N/A BSURE:N/A BSURE:N/A BSURE:N/A	CHEMICAL CHAR A A A Black block.	no o	ISTICS -SPECIFIC GR EVAPORATION BOLUBILITY	LAVITY: N/A	A
HASH POING	- PHYSICAL/ SURE: N/A SUR	CHEMICAL CHAR A A Black block. EXPLOSION DAT	no o	ISTICS SPECIFIC GREVAPORATION SOLUBILITY dor.	EAVITY: <u>N/A</u> I RATE: <u>N/A</u> IN WATER: <u>M</u> OC	derate
HABH POINE PECIAL FI	- PHYSICAL/ ESURE: N// SSURE: N//	CHEMICAL CHAR A A Black block. EXPLOSION DAT Will not bur PROCEDURES:	no or	ISTICS SPECIFIC GREVAPORATION SOLUBILITY dor.	RAVITY: N/A RATE: N/A IN WATER: Mod	derate Uel: N/A
HANDER POINTS PECIAL FINUSUAL PI	- PHYSICAL/ ESURE: N// SSURE: N//	CHEMICAL CHAR A Black block. EXPLOSION DAT Will not bur PROCEDURES: SION HAZARDS: Le materials.	no or	ISTICS "SPECIFIC GR EVAPORATION SOLUBILITY dor.	RAVITY: N/A RATE: N/A IN WATER: Mod	derate Uel: N/A
I ION 3 SOILING PT VAPOR PRES VAPOR DENS VAPOR DENS VAPEARANCE SECTION 4 PLASH POIN EXTINGUISE VECTION FI UNUSUAL PI VITH easil SECTION 5	- PHYSICAL/ SE WITE: N/A BSURE: N/A BSU	CHEMICAL CHAR A A Black block EXPLOSION DAT Will not bur PROCEDURES: SION HAZARDS: Le materials.	no od	SPECIFIC GREVAPORATION SOLUBILITY dor. LAMMABLE LIMIT erate fire haz	RAVITY: N/A RATE: N/A IN WATER: Mod	derate Uel: N/A
HASH POIN STABILITY:	- PHYSICAL/ SURE: N// SURE	CHEMICAL CHAR A Black block. EXPLOSION DAT Will not bur PROCEDURES: HON HAZARDS: Le materials. EX DATA Acids and/or a	no or	SPECIFIC GREVAPORATION SOLUBILITY dor. LAMMABLE LIMIT erate fire haz	RAVITY: N/A RATE: N/A IN WATER: Mod	derate Uel: N/A
HABH POIN HECTION 5 HECTION 5 HECTION 4 HECTION 4 HECTION 4 HECTION 5 HECTION 5 HECTION 5 HECTION 5 HECTION 5 HECTION 5	- PHYSICAL/ SSURE: N//	CHEMICAL CHAR A Black block. EXPLOSION DAT Will not bur PROCEDURES: EION HAZARDS: Le materials. EX DATA Acids and/or a	no or	SPECIFIC GREVAPORATION SOLUBILITY dor. LAMMABLE LIMIT erate fire haz	RAVITY: N/A RATE: N/A IN WATER: Mod	derate Uel: N/A

N = Not Applicable
N, = Not Known
<*> = Denotes change/addition

MATERIAL/PRODUCT: _CUPREX 1

BECTION 6 - HEALTH HAZARD DATA

ROUTE(8) OF ENTRY: INHALATION (YES) SKIN (YES) EYES (YES) INGESTION (NO
HEALTH HAZARDS: ACUTE Fluorides can cause skin and eye burns and irritation of
mucous membranes. Excessive inhalation may cause nose bleeds.
HEALTH HAZARDS: CHRONIC Fluorides cause loss of appetite, vomiting, increase in
bone density, NIOSH lists eyes, respiratory system, CNS, skeleton, kidneys, skin
as target organs for fluorides. Prolonged and/or repeated inhalation of
crystalline silica dusts can cause silicosis of the lungs. Chronic manganese
poisoning produces symptoms similar to Parkinson's disease. NIOSH lists
respiratory system, CNS, blood and kidneys as target organs for manganese and
compounds,
TOXICITY DATA: Orl-rat LD50 80mg/Kg for sodium fluoride.
CARCINOGENICITY: HTP/IARC/OSHA/OTHER: IARC: Quartz is a possible human
carcingoen based on tests with laboratory animals.
<*> Respirable crystalline silica has been listed by NTP.
SIGNS AND SYMPTOMS OF EXPOSURE: Eyes, skin and respiratory irritation (for
fluorides. Apathy, anorexia, headaches, weakness of legs, irritability (for
manganese compounds.)
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and respiratory
ailments.
EMERGENCY AND FIRST AID PROCEDURES:
INHALATION: Remove person to fresh air.
SKIN: Immediately wash with cold water.
BYES: Immediately flush with water for at least 15 minutes.
INGESTION: Drink lime water (0.15% solution) or milk. DO NOT INDUCE VOMITING.
Refer to physician immediately.
CRASTAN T - DEPARTMENT SAR ASSES WINDLESS AND THE
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE
ADTITATION Debugge blocks to contained
SPILLS/LEAKS: Return blocks to container.
WASTE DISPOSAL: Dispose of in accordance with local, state and federal
regulations.
HANDLING, USE AND STORAGE: Store in dry area below 150'F.
SECTION 8 - CONTROL MEASURES
RESPIRATORY PROTECTION: If PEL/TLV is exceeded use NIOSH approved dust mask.
VENTILATION: Recommended sufficient to maintain below PEL/TLV.
GLOVES: PVC EYE PROTECTION: Safety glasses.
OTHER: N/A
W/A = Not Applicable STONATIDE OF PREPARED. March
A/A - NOT APPLICABLE
N/K = Not Known

M/K = Not Known

<*> = Denotes change/addition

Please ensure that all persons coming into contact with this product are aware of the information contained in this MSDS Sheet. Information presented herein has been compiled from sources considered to be reliable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of any material for a specific use and to adopt such safety precautions as may be necessary. If you need any further information from us to make the determinations which you must make to use this material safely, please conti the above named preparer.

FOSECO INC.



88172

SUPPLIER NOTIFICATION

CUPREX* 1

The above listed product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. The chemical(s) is/are listed below.

CHEMICAL NAME CAS # STANDARD WEIGHT %

Manganese (from 7439-96-5 40.7

Manganese Dioxide)

This notification is attached to the product Material Safety Data Sheet (MSDS) and must not be detached from the MSDS. Any copying or redistribution of the MSDS shall include copying and redistribution of this notice attached to copies of the MSDS subsequently redistributed.

The weight percentages given represent the upper bound concentration level for that listed chemical based upon our knowledge of the raw materials comprising this product.

Signature of Preparer: Thanky

* Registered Trademark