MATERIAL SAFETY & HEALTH DATA SHEET

Definition of a Hazardous Material

A hazardous material has one or more of the following characteristics: (1) has a flashpoint below 140° F., closed cup, or subject to spontaneous heating; (2) has a threshold limit value below 500 ppm for gases and vapors, below 500 mg/m³ for fumes, and below 25 mppcf for dusts; (3) a single dose oral LD_{50} below 500 mg/kg; (4) is subject to polymerization with the release of large amounts of energy; (5) is a strong oxidizing or reducing agent; (6) causes first degree burns to skin in short time exposure, or is systematically toxic by skin contact; or (7) in the course of normal operation, may produce dusts, gases, fumes, vapors, mists, or smokes which have one or more of the above characteristics.

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code)	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: Proflex (G-3)
CHEMICAL FAMILY	FORMULA

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS			Amorphous Silica	76	20 Mpcf

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Asbestos (*as an emergency standard for asbestos dust is now in force) there is no established TLV. However, the 8 hour time-weighted average airborn concentrate of asbestos dust to which employees are exposed shall not exceed 5 fibers/ml. greater than 5 microns in length. As Proflex (G-3) is supplied in board form and does not create asbestos dust, Proflex (G-3) should not pose any significant hazard.	15	*

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H₂O = 1) Apparent Density (g/cc)	0.4 to 0.
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1)	NA
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR	Brown-fishy odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)		FLAMMABLE LIMITS	LEL UEL
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

OVER

1073

PLAINTIFF'S EXHIBIT EOS-299

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

During strip of ingot (without adequate ventilation) dust may cause irritation of the mucous membranes.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Flush with water. Call physician

Skin - Flush with water.

Inhalation - remove victim from concentrated area to fresh air. Call physician.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY (Materials to avoid)

300°C - small amounts of phenols, cresols and xylenols. 450°C - CO, CO_2 and water.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Normal cleanup

WASTE DISPOSAL METHOD

Normal disposal

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

U.S. Bureau of Mines #2170

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) X	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
	Safety glasses.

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store at room temperature.

OTHER PRECAUTIONS

Signature

Title

Complete and return promptly to:

FOSECO, INC.
20200 Sheldon Rd.
Brookpark, Ohio 44142

3-24-72

Date

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