

FILE NAME: Foseco (FOS)

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DOCUMENT DESCRIPTION: Material Safety & Health Data Sheet

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 100° F., closed cup, or subject to spontaneous heating; (2) has a threshold limit value below 100 ppm for gases and vapors, below 100 mg/m³ for fumes, and below 25 mg/m³ for dusts; (3) a single dose oral LD₅₀ 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 systemically 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 (Company, 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			BARE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS			Amorphous Silica	76	20 Mgr
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

Asbestos (was an emergency standard for asbestos dust is now in force) there is no established TLV. However, the 8 hour time-weighted average airborne concentration 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.

SECTION III PHYSICAL DATA

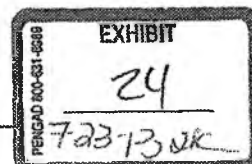
BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	0.4 to 0.5
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (H ₂ O = 1)	NA
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR	Brown-fishy odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F) (Method):	FLAMMABLE LIMITS	Lower	Upper
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING INSTRUCTIONS			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

OVER

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

PPE REQUIRED (Wear goggles)

During strain 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	

INCOMPATIBILITY (Refrains to occur)

300°C - small amounts of phenols, cresols and xylenols. 450°C - CO, CO₂ 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

MECHANICAL (General)

X

SPECIAL

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

Complete and return promptly to:

FORSCA, INC.
10200 Sheldon Rd.
Rockmark, Ohio 44142

Signature

Title

Date

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