



Fel-Pro Incorporated
 7450 N. McCormick Blvd
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 Skokie, Illinois 60076
 Phone (312) 761-4500 and 674-7700

MATERIAL SAFETY DATA SHEET

2332-85

P/N 212, 232, 233, 214

Essentially similar to U.S. Dept. of Labor Form No. LSB-00S-4, May 1969

SECTION I	
MANUFACTURER'S NAME Fel-Pro Incorporated	EMERGENCY TELEPHONE NO. (312) 674-7700
ADDRESS (Number, Street, City, State, and ZIP Code) 7450 N. McCormick Blvd., Skokie, Illinois 60076	
CHEMICAL NAME AND SYNONYMS Not applicable -- Mixture	TRADE NAME AND SYNONYMS Pro Line Hard-N-Seal
CHEMICAL FAMILY Not applicable -- Mixture	FORMULA Not applicable -- Mixture

SECTION II—HAZARDOUS INGREDIENTS					
PAINTS PRESERVATIVES AND SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS	Ethanol	17	1000 pp	FILLER METAL PLUS COATING OR CORE FLUX	
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Balance of product considered nonhazardous per U.S. Department of Labor O.S.H.A. criteria re: 29CFR 1910.1200 Hazard Communications Law.					

SECTION III—PHYSICAL DATA			
BOILING POINT (°F.)	~ 400°F	SPECIFIC GRAVITY (H ₂ O=1)	1.5
VAPOR PRESSURE (mmHg.)	@20°C 40 mmHg	PERCENT VOLATILE BY VOLUME (%)	~21%
VAPOR DENSITY AIR = 1)	~ 1.6	EVAPORATION RATE β. Acetate = 1)	1.7
SOLUBILITY IN WATER	Appreciable		
APPEARANCE AND ODOR	Red paste; slight, characteristic odor.		

SECTION IV—FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method Used) 58°F (Tag closed cup)	FLAMMABLE LIMITS Estimated	3.3%	19.0% ^U
EXTINGUISHING MEDIA Use water fog, dry chemicals, foam, CO ₂ .			
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus when fighting fires in confined areas. Use eye protection.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None known.			

SECTION V—HEALTH HAZARD DATA

<small>THRESHOLD LIMIT VALUE</small> Suggest 1000 ppm based on solvent used in system.
<small>EFFECTS OF OVEREXPOSURE</small> Possible redness or irritation of skin or eyes upon prolonged or repeated contact, especially in sensitive individuals. No other effects expected.
<small>EMERGENCY AND FIRST AID PROCEDURES</small> On skin - wash with soap and water. If irritation occurs, consult physician. In eyes - flush with tepid water 15 minutes holding eyelids apart. Consult physician immediately. Inhalation, remove to fresh air, consult physician. Ingestion - consult physician immediately.

SECTION VI—REACTIVITY DATA

	<input type="checkbox"/> UNSTABLE		<small>CONDITIONS TO AVOID</small> None
STABILITY	<input checked="" type="checkbox"/> STABLE	X	
<small>INCOMPATIBILITY (Materials to avoid)</small> Strong oxidizing agents, i.e., peroxides, permanganates, nitric acid, etc.			
<small>HAZARDOUS DECOMPOSITION PRODUCTS</small> Pyrolysis yields CO, CO ₂ and incompletely burned hydrocarbons.			
	<input type="checkbox"/> MAY OCCUR		<small>CONDITIONS TO AVOID</small> None
HAZARDOUS POLYMERIZATION	<input checked="" type="checkbox"/> WILL NOT OCCUR	X	

SECTION VII—SPILL OR LEAK PROCEDURES

<small>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</small> Dike spill. Ventilate area and remove ignition sources. Wipe up with rags or absorb on inert absorbent material. Complete cleanup using strong detergent and water.
<small>WASTE DISPOSAL METHOD</small> Use controlled incineration or bury in a posted toxic substances landfill in accordance with Federal, State and Local Regulations.

SECTION VIII—SPECIAL PROTECTION INFORMATION

<small>RESPIRATORY PROTECTION (Specify type)</small> Use a NIOSH-MESA approved organic vapor respirator if ventilation is inadequate.		
	<small>LOCAL EXHAUST</small> Preferred (50 f.p.m.)	<small>SPECIAL</small> None
VENTILATION	<small>MECHANICAL (General)</small> Acceptable (50 f.p.m.)	<small>OTHER</small> None
<small>PROTECTIVE GLOVES</small> Recommended	<small>EYE PROTECTION</small> Glasses or goggles sufficient to prevent contact.	
<small>OTHER PROTECTIVE EQUIPMENT</small> None required.		

SECTION IX—SPECIAL PRECAUTIONS

<small>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</small> Normal storage and handling. Avoid exposure to temperature extremes.
<small>OTHER PRECAUTIONS</small> Keep out of reach of children.

John Michna