



Fel-Pro Incorporated
 7450 N McCormick Blvd
 Box C1103
 Skokie, Illinois 60076
 Phone (312) 761-4500 and 674-7700

MATERIAL SAFETY DATA SHEET

2338-85

P/N 220

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 Spray Tack Aerosol
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 1,1,1-trichlorethane	51	350 ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Isopropanol (Isopropyl alcohol)				2.3	400ppm-s
Propane 14.6%, TLV 1000 ppm and Isobutane 8.9%, TLV 300 ppm (co-propellants)					
Balance of product considered non-hazardous per U.S. Dept. of Labor O.S.H.A. criteria re: 29 CFR 1910.1200 Hazard Communications Law.					

SECTION III—PHYSICAL DATA			
BOILING POINT (°F.)	Not applicable	SPECIFIC GRAVITY (H ₂ O=1)	1.2
VAPOR PRESSURE (mmHg.)	Not applicable	PERCENT VOLATILE BY VOLUME (%)	~75%
VAPOR DENSITY AIR=1)	> 1	EVAPORATION RATE (.....=1)	see below
SOLUBILITY IN WATER	Moderate	Solvents and propellant flash off upon application	
APPEARANCE AND ODOR	Brown viscous liquid, characteristic solvent odor.		

SECTION IV—FIRE AND EXPLOSION HAZARD DATA							
FLASH POINT (Method Used)	Flame projection >24", no flashback	FLAMMABLE LIMITS	<table border="1"> <tr> <td>Let</td> <td>Uel</td> </tr> <tr> <td>1.0</td> <td>10.5</td> </tr> </table>	Let	Uel	1.0	10.5
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1.0	10.5						
EXTINGUISHING MEDIA	Use dry chemicals, foam, CO ₂ . Water may be ineffective.						
SPECIAL FIRE FIGHTING PROCEDURES	Water may be used to cool closed containers to prevent pressure buildup and rupture when exposed to extreme heat. Eye protection and self-contained breathing apparatus should be worn.						
UNUSUAL FIRE AND EXPLOSION HAZARDS	Aerosol package classified as Flammable. Cans will rupture from internal pressure at about 190 degrees F and discharge flammable contents. When heated to decomposition, toxic fumes are formed.						

SECTION V—HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Recommend 372 ppm TLV, based on solvent/propellant system used.
EFFECTS OF OVEREXPOSURE	Headache, dizziness, or nausea may result due to inhalation of solvent fumes. Eye contact and prolonged or repeated skin contact may result in irritation or redness.
EMERGENCY AND FIRST AID PROCEDURES	Inhalation—remove to fresh air. Skin—wash with soap and water, if irritation occurs, consult physician. Eyes—flush with tepid water 15 mins., holding eyelids apart, consult physician. If ingested, do not induce vomiting, consult physician immediately.

SECTION VI—REACTIVITY DATA

			CONDITIONS TO AVOID
STABILITY	UNSTABLE		None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong oxidizers (i.e., permanganates, peroxides, nitric acid, etc.)			
HAZARDOUS DECOMPOSITION PRODUCTS Pyrolysis may yield CO, CO ₂ , possible HCl and small amounts of Cl and phosgene.			
			CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION	MAY OCCUR		None
	WILL NOT OCCUR	X	

SECTION VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Remove ignition sources. Wipe up with rags or other absorbent material. Place in disposal container. Use strong detergent and water, or chlorinated solvent cleaner with adequate ventilation to complete clean-up.
WASTE DISPOSAL METHOD	For spilled product, use controlled incineration or bury in a posted toxic substances landfill in accordance with Federal, State and Local Regulations. Do not puncture or incinerate aerosol cans.

SECTION VIII—SPECIAL PROTECTION INFORMATION

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

SECTION IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Normal storage and handling. Do not store above 120°F. Store large quantities in buildings designed and protected for storage of NFPA Class 1A flammable liquids.
OTHER PRECAUTIONS	Do not ingest. Do not spray into eyes. Do not puncture or incinerate can. Do not stick pins or nails into opening at top of can. Keep away from children.

Revised: 11-04-85 John Michina