



Pro Form Products Ltd.  
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**PRODUCT: PF 535 AIRCRAFT PAINT STRIPPER**

### SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario L9T3Y5  
Tel (905) 878-4990 Fax (905) 878-1189

Product identifier..... PF 535 AIRCRAFT PAINT STRIPPER

Recommended use and restrictions on .. Paint stripper. This product should not be used for any other purpose other than the ones  
use described in this section.

Chemical family..... Mixture.

NFPA rating..... Health: 3 Fire: 4 Reactivity: 0.

HMIS..... H: 3 F: 4 R: 0.

24 hour emergency number..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);  
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.  
\*\* For medical emergencies contact your local poison control centre \*\*.

### SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Aerosols — Category 2. Gases Under Pressure: Liquefied Gas. Acute Toxicity 3. Eye Irritant 1. Skin Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. Carcinogen 1B. Reproductive 1B. Specific Target Organ Toxicity — Single Exposure — Category 1.

Hazard Description..... H223 Flammable aerosol . H280 Contains gas under pressure; may explode if heated. H301 Toxic if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H350 This product contains ingredients that may cause cancer. H360 May damage fertility or the unborn child. H370 Causes damage to the liver and kidneys.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P264 Wash hands thoroughly after handling. P270 Do not eat drink or smoke while using this product. P260 Do not breathe mist, vapours, or spray. P280 Wear protective gloves and eye protection. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area.

Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P330 Rinse mouth. P331 Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P308 + P313 If exposed or concerned, get medical advice/attention. P308 + P311 If exposed or concerned; call a poison center or doctor.

Storage..... P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

**PRODUCT: PF 535 AIRCRAFT PAINT STRIPPER****SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Dichloromethane	75-09-2	50-70
Propane	74-98-6	10-30
Isobutane	75-28-5	7-13
Methanol	67-56-1	1-5
2-Phenoxyethanol	122-99-6	1-5
Light aromatic naphtha*	64742-95-6	1-5
2-Amino-2-methyl-1-propanol	124-68-5	<2

**SECTION 04: FIRST-AID MEASURES**

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention immediately.
Skin contact.....	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO <sub>2</sub> , dry chemical. Halon. In cases of larger fires, water spray should be used.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO <sub>2</sub> ).
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Keep run-off water from entering sewers and other waterways. Dike for water control.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material.
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**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Avoid breathing vapours or mist. Avoid skin and eye contact. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Dichloromethane	50 ppm	Not established	25 ppm	Not established		Not established
Propane	1,000 ppm	Not established	1,000 ppm	Not established		1,000 ppm

**PRODUCT: PF 535 AIRCRAFT PAINT STRIPPER****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Methanol	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm
	CA ON: 200 ppm (TWA), 250 ppm (STEL)				
2-Phenoxyethanol	No data	No data	No data	No data	No data
	No data				
Light aromatic naphtha*	Not established	Not established	500 ppm (2000 mg/m3) TWA	Not established	350 mg/m3 TWA
2-Amino-2-methyl-1-propa nol	Not Established	Not Established	Not Established	Not Established	Not Established
<b>Personal Protective Equipment</b>					
Eye/type.....	Liquid chemical goggles.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear adequate protective clothes.				
Footwear/type.....	Safety boots per local regulations.				
Other/type.....	Emergency showers and eye wash stations should be available.				
Appropriate engineering controls.....	Local exhaust at points of emission.				

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state.....	Aerosol.
Colour.....	Clear.
Odour.....	Hydrocarbon odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	70 @ 20c.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	Liquid: 1.084 aerosol: 0.999.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Slightly soluble in water.
Initial boiling point / boiling range (deg C).....	40 °C.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	-104°C.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	36.
Lower flammable limit (% vol).....	1.2.
Partition coefficient — n-octanol/water.....	Not available.
% Volatile by weight.....	98.
VOC (less water).....	1.064 g/L - 8.88 lb/usg.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid, including static discharge, shock or vibration .....	Keep away from heat. Incompatible with strong oxidizers. May attack plastics, rubber and coatings. Active metals. Strong bases.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2). Phosgene. Hydrogen chloride.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Dichloromethane	52,000 mg/m3 rat 2 hr	1,600 mg/kg rat oral
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutane	52 mg/L 1 hour mouse	Not available

**PRODUCT: PF 535 AIRCRAFT PAINT STRIPPER****SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Methanol	128.2 mg/L, 4h rat	420 mg/kg (oral); 5,628 mg/kg (rat oral); 15,800 mg/kg (rabbit dermal)
2-Phenoxyethanol	No data	1260 mg/kg Oral Rat
Light aromatic naphtha*	10.2 mg/L (inhal, hr.)	>3400 mg/kg (oral, rat). >2000 mg/kg (dermal, rabbit)
2-Amino-2-methyl-1-propanol	Not Available	2900 mg/kg (oral, rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Skin contact.....	Can cause reddening, itching, swelling burning and possible blistering. Prolonged contact may result in skin burns.	
Eye contact.....	May cause severe irritation and burning.	
Ingestion.....	May be harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression. Swallowing can cause gastrointestinal irritation, inebriation, headache, vomiting, leading to severe illness, blindness, even death. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May cause liver and kidney effects.	
Inhalation (acute).....	Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. May cause pulmonary edema. May cause blood changes. Overexposure may cause an increase in carboxyhemaglobin in the blood.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Possible damage to liver and kidneys. May cause reproductive and mutagenic effects. May cause cancer.	
Reproductive effects.....	Methanol is listed on California's Proposition 65 as causing developmental toxicity.	
Carcinogenicity of material.....	Methylene chloride (Dichloromethane) is listed as a class 2B carcinogen and is listed on Prop 65 as causing cancer. ACGIH A3.	

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental.....	Do not allow to enter waters, waste water or soil.
Persistence and degradability.....	Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial and federal regulations. Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty.

**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.
DOT Classification (Road).....	UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).
IATA Classification (Air).....	UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity.
IMDG Classification (Marine).....	UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity.
Marine Pollutant.....	Potential marine pollutant.
Proof of Classification.....	In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

**SECTION 15: REGULATORY INFORMATION**

WHMIS 1988 classification.....	A. D1B. D2A. B5.
CEPA status.....	On Domestic Substances List (DSL).
TSCA inventory status.....	All components are listed.
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III Section 302 - extremely hazardous substances .....	None.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard. Pressure.
Section 313.....	Methylene Chloride (Dichloromethane). Methanol.
EPA hazardous air pollutants (HAPS) ..... 40CFR63	Methylene Chloride (Dichloromethane). Methanol.

PRODUCT: PF 535 AIRCRAFT PAINT STRIPPER

SECTION 15: REGULATORY INFORMATION

California Proposition 65..... \*WARNING: This product contains a chemical known to the State of California to cause cancer. (Dichloromethane). \*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (Methanol).

SECTION 16: OTHER INFORMATION

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.
Telephone number:..... (800) 387-7981.
Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.
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data sheet