



Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario, L9T 3Y5
Canada
905-878-4990

PRODUCT: PF 589 PRO PAK FV16 CUSTOM FILLING SYSTEM - UNIVERSAL BLEND

SECTION 01: IDENTIFICATION

Product identifier..... PF 589 PRO PAK FV16 CUSTOM FILLING SYSTEM - UNIVERSAL BLEND
Initial supplier identifier..... Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario L9T3Y5
Tel (905) 878-4990 Fax (905) 878-1189
24 hour emergency number..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC) - IN THE UNITED STATES
CALL CHEMTREC 1-800-424-9300.
Recommended use and restrictions on .. Paint reducer.
use
Chemical family..... Mixture.
Hazard rating
NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.
HMIS..... H: 2 F: 4 R: 0.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... WARNING.
Hazard Classification..... Flammable Aerosols — Category 2. Gases Under Pressure: Liquefied Gas. Serious Eye Damage/Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3.
Hazard Description..... H223 Flammable aerosol . H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.
Prevention..... 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. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.
Response P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P312 Call a POISON CENTER/doctor if you feel unwell. P337 + P313 - If eye irritation persists get medical attention.
Storage..... P403 Store in a well ventilated area. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F.
Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards..... None known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	60-80
Propane	74-98-6	15-40
Methyl Ethyl Ketone	78-93-3	7-13
Ethyl 3-Ethoxypropionate	763-69-9	0.5-1.5

PRODUCT: PF 589 PRO PAK FV16 CUSTOM FILLING SYSTEM - UNIVERSAL BLEND**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. Check for and remove any contact lenses, if safe and easy to do so. Obtain medical attention.
Ingestion.....	Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. Rinse mouth.
Inhalation.....	Move to fresh air. If not breathing, give artificial respiration. Get medical help immediately.
Skin contact.....	Remove contaminated clothes as quickly as possible, protecting your own hands and body. Rinse skin for 15-20 minutes. If irritation persists, seek medical attention.
Most important symptoms and effects, whether acute or delayed	Causes serious eye irritation.
Indication of immediate medical attention and special treatment needed, if necessary	Provide general supportive measures. Treat symptomatically. Give oxygen if experiencing shortness of breath. Keep victim warm. Keep victim under general observation. Symptoms may be delayed.

SECTION 05: FIRE-FIGHTING MEASURES

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. .
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Carbon dioxide. Carbon monoxide. Other unidentified organic compounds.
Suitable extinguishing media.....	Carbon dioxide. Water fog. Dry chemical. Foam. Water spray.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate personnel to a safe area. Keep unnecessary and unprotected personnel from entering spill area and upwind from spill area. Avoid walking through spilled material. Avoid breathing vapours. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Wear appropriate personal protection equipment.
Methods and materials for containment and cleaning up	Contain spilled material and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Ground handling equipment. Avoid prolonged exposure. Avoid contact with skin and eyes. Use in well ventilated areas.
Conditions for safe storage, including any incompatibilities	Store locked up. Pressurized container. Protect from sunlight. Keep away from heat, sparks, and open flames. Keep container closed when not in use. Do not store above 49C. Store away from incompatible materials. Do not puncture, incinerate or crush container. Incompatible materials include, but not limited to:.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm	
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm	
Methyl Ethyl Ketone	200 ppm CA ON: 200ppm (TWA), 300ppm (STEL)	300 ppm	200 ppm	Not established	200 ppm TWA	
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established	Not established

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Eye/type.....	Chemical safety goggles should be worn. Plastic face shields should be worn in addition to safety goggles for complete face protection. Consult your personal protective equipment supplier for additional recommendations.
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Wear chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.
Clothing/type.....	Wear impervious protective clothing. Consult your personal protective equipment supplier for additional recommendations.
Footwear/type.....	Wear chemical resistant safety boots. Consult your personal protective equipment supplier for additional recommendations.
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. Spray, mist.
Colour.....	Not available.
Odour.....	Characteristic odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.794-0.797.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Insoluble.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	-104 C. (propellant).
Auto ignition temperature (deg C).....	450°C. (propellant).
Aerosol Ignition Distance.....	Greater than or equal to 15 cm.
Flashback.....	No.
Upper flammable limit (% vol).....	9.5. (Propellant).
Lower flammable limit (% vol).....	2.0. (Propellant).
Partition coefficient — n-octanol/water.....	Not available.
Viscosity.....	Greater than 30%.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Non-reactive under normal conditions of use, storage or transport.
Chemical stability.....	Stable at normal temperatures and pressures.
Conditions to avoid, including static discharge, shock or vibration	Heat, sparks and open flames. Electrostatic charge.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Hazardous decomposition products.....	Carbon dioxide. Carbon monoxide. Other unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Propane	>1,464 mg/L 15 minutes rat	Not available
Methyl Ethyl Ketone	>5,000 ppm (6 hours, rat), 11000 ppm (45 minutes, mouse)	3,400 mg/kg (rat, oral), >8000 mg/kg (rabbit, dermal), 670 mg/kg (mouse, oral)
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal
Route of exposure.....	Eye contact. Skin contact. Skin absorption. Inhalation. Ingestion.	
Acute Toxicity.....	Not classified.	
Skin corrosion/irritation.....	Not classified.	
Serious eye damage/eye irritation.....	Causes serious eye irritation.	
Skin Sensitization.....	Not expected to be a skin sensitizer.	
Respiratory Sensitization.....	Not expected to be a respiratory sensitizer.	
Carcinogenicity.....	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.	
Mutagenicity.....	Not classified.	

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Reproductive effects.....	Not classified.
STOT-SE.....	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-RE.....	Not classified.
Aspiration Hazard.....	Not classified.
Chronic toxicity.....	No long term are known or expected.

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Do not allow to enter waters, waste water or soil. May be harmful to aquatic life. Acetone (CAS#: 67-64-1): Toxicity to fish: LC50 >100 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: 10294 mg/L, 48 hrs; Toxicity to algae: not available . Methyl ethyl ketone(78-93-3): Toxicity to fish: LC50 3130 (3130 - 3320) mg/l, 96 hrs; Toxicity to crustacean: EC50: 520 mg/l, 48hrs.
Persistence and degradability.....	Not available.
Mobility in soil.....	Not available.
Bioaccumulative potential.....	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty.
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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.
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

CEPA status.....	On Domestic Substances List (DSL).
National Pollutant Release Inventory (NPRI).....	(CAS # 74-98-6 (CAT 5)). (CAS # 78-93-3 (Cat 1A & 5)).
Environmental Emergency Regulations....	Propane (CAS # 74-98-6) Part 1.
Categorization of the DSL.....	(CAS # 67-64-1). (CAS # 74-98-6). (CAS # 78-93-3).
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.
Section 313.....	Methyl Ethyl Ketone.
EPA hazardous air pollutants (HAPS) 40CFR63	None.
California Proposition 65.....	This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

SECTION 16: OTHER INFORMATION

Prepared by:	REGULATORY AFFAIRS.
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.
Date of the latest revision of the safety data sheet	2024-08-22