



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

PRODUCT: PF 600-1 GENERAL PURPOSE ADHESIVE CLEANER 3.78L

SECTION 01: IDENTIFICATION

Product identifier..... PF 600-1 GENERAL PURPOSE ADHESIVE CLEANER 3.78L
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..... 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 **.
Recommended use and restrictions on .. Cleaning solution. This product should not be used for any other purpose other than the
use ones described in this section. for industrial use only-keep out of reach of children .
Chemical family..... Mixture.
Hazard rating
NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.
HMIS..... H: 2 F: 3 R: 0.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.
Hazard Classification..... Flammable Liquid 2. Aspiration Toxicity 1. Skin Corrosion/Irritation — Category 2. Serious
Eye Damage/Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 4.
Acute Toxicity (Dermal) — Category 4. Reproductive Toxicity — Category 2. Specific
Target Organ Toxicity — Single Exposure — Category 3. (Respiratory). (CNS). Specific
Target Organ Toxicity — Repeated Exposure — Category 2. (liver, kidney, central nervous
system). (Auditory system). (Eyes).
Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters
airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes
serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336
May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn
child. H373 May cause damage to organs through prolonged or repeated exposure.
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. P233 Keep container tightly closed. P240
Ground and bond container and receiving equipment. P241 Use explosion proof
equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against
static discharge. P260 Do not breathe mists, vapours, or spray. 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 P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and
follow instructions provided by the centre. P302 + P352 - If on skin: wash with plenty of
water. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing
immediately. Rinse thoroughly with water and use safety shower . 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. P308 + P313 If exposed or
concerned, get medical advice/attention. P312 Call a POISON CENTER/doctor if you feel
unwell. P314 - Get medical advice/attention if you feel unwell. P321 - For specific treatment
see section 4 on this SDS. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation
occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical
attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 +
P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish.
Storage..... P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool.
P405 Store locked up.
Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards..... None known.

PRODUCT: PF 600-1 GENERAL PURPOSE ADHESIVE CLEANER 3.78L**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	60-80
Xylene	1330-20-7	7-13
Distillates, pet, lt dist hydrotreat process, low-boil	68410-97-9	7-13
Ethylbenzene	100-41-4	1-5
Cumene	98-82-8	0.1-1
n-Heptane	142-82-5	0.1-1
Toluene	108-88-3	0.1-1

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. If irritation persists, obtain medical attention.
Skin contact.....	Rinse skin for 15-20 minutes. Remove contaminated clothing and launder before reuse. 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.....	Keep respiratory tract clear. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If ingestion is suspected, contact physician or poison control center immediately.
Additional information.....	Treat victims symptomatically.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Do not allow run-off from fire fighting to enter drains or water courses. Hazardous combustion products may include but not limited to: Oxides of carbon (CO, CO ₂). A complex mixture of airborne solid and liquid particulates and gases (smoke). Unidentified organic and inorganic compounds. Hydrogen sulphide. Sulfur Oxides. Sulphuric acid. Unburned hydrocarbons. Toxic fumes.
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. 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. Collect contaminated fire extinguishing water separately. Dispose of all runoff water as hazardous waste.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Environmental precautions.....	Prevent further leakage of product if safe to do so. 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	Ventilate area. Wear appropriate personal protection equipment. Remove all sources of ignition. Evacuate personnel to a safe area. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Methods and materials for containment and cleaning up	Dike area to contain the spill, prevent runoff from going into drains, absorb residual material with an inert absorbent, shovel or pump to a properly labelled container and dispose of as a hazardous waste.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Avoid formation of aerosol. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Containers should be opened under ventilation exhaust hood. Provide sufficient air exchange and/or exhaust in work rooms. Avoid breathing vapours or mist. Ground handling equipment. Open drum carefully as content may be under pressure. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame. Dispose of rinse water according to local, Provincial and Federal guidelines.
Conditions for safe storage, including any incompatibilities	No smoking. Observe label precautions. Keep away from heat, sparks, and open flames. Keep container closed when not in use. Keep containers tightly closed in a dry and well ventilated area. Electrical installations / working materials must comply with the technological safety standards.

PRODUCT: PF 600-1 GENERAL PURPOSE ADHESIVE CLEANER 3.78L**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		NIOSH
	TWA	STEL		STEL	REL	
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm	
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available	Not available	
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available	Not available	Not available	Not available	
Ethylbenzene	100 ppm CA ON: 20ppm (TWA)	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm	
Cumene	TWA 50 ppm 5 mg/m3	Not available	TWA 50 ppm	Not available	TWA 50 ppm	
n-Heptane	400 ppm CA ON: 400ppm (TWA),	500 ppm 500ppm (STEL)	500 ppm	Not Established	85 ppm / STEL 440 ppm	
Toluene	20 ppm CA ON: TWA: 20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.					
Respiratory/type.....	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 impervious 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.....	Safety boots per local regulations. 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.....	Liquid.
Colour.....	Not available.
Odour.....	Not available.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not available.
Relative Density (Specific Gravity).....	0.799.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Not available.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not available.
Flammability (solids and gases).....	Flammable liquid.
Flash point (deg C), method.....	Not available.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	Not available.
Lower flammable limit (% vol).....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
% Volume Volatile exempt.....	70.79.
% Weight Volatile (VOC).....	29.95.
% Volume Volatile (VOC).....	29.19.
Total MIR.....	1.89.
VOC LBS/GAL less exempt volatiles.....	6.84.
VOC LBS/GAL less water.....	2.0.
Viscosity.....	Not available.

PRODUCT: PF 600-1 GENERAL PURPOSE ADHESIVE CLEANER 3.78L**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Non-reactive under normal conditions of use, storage or transport.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Vapours may form explosive mixture with air.
Conditions to avoid, including static	Keep away from heat. Do not pressurize, cut, weld, braze, solder, drill, grind or expose
discharge, shock or vibration	containers to heat or sources of ignition.
Incompatible materials.....	Rubber, various plastics. Bases. Amines. Oxidizing agents. Aldehydes. Halogenated
	compounds. Metals. Nitrogen oxides. Peroxides. Strong oxidizing agents. Strong acids.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Cumene	Not available	Not available
n-Heptane	103 mg/m3 rat 4 hr	> 5000 mg/kg (oral, rat)
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal)

Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.
Serious eye damage/eye irritation.....	Vapours may cause irritation to the eyes, respiratory system and the skin.
Respiratory or Skin Sensitization.....	Not available.
Skin corrosion\irritation.....	Causes skin irritation.
STOT-SE.....	May cause drowsiness or dizziness. Certain components are know to have narcotic effects.
STOT-RE.....	May cause damage to the organs through prolonged or repeated exposure. .
Carcinogenicity.....	IARC has classified Ethylbenzene as "Group 2B", possibly carcinogenic to humans. Cumene is listed by IARC in Group 2B as a possible carcinogen. .
Reproductive effects.....	Not available.
Aspiration Hazard.....	May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Very toxic to aquatic organisms.
Mobility in soil.....	No further relevant data.
Bioaccumulative potential.....	No further relevant data.
Persistence and degradability.....	No further relevant data.

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. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN1993 - FLAMMABLE LIQUID, N.O.S. (Xylene, VMP, Acetone), Class 3, PG II.
DOT Classification (Road).....	UN1993 - FLAMMABLE LIQUID, N.O.S. (Xylene, VMP, Acetone), Class 3, PG II.
IATA Classification (Air).....	UN1993 - FLAMMABLE LIQUID, N.O.S. (Xylene, VMP, Acetone), Class 3, PG II.
IMDG Classification (Marine).....	UN1993 - FLAMMABLE LIQUID, N.O.S. (Xylene, VMP, Acetone), Class 3, PG II.
Marine Pollutant.....	No.
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).
Categorization of the DSL.....	Some components met the criteria under subsection 73(1) of CEPA during categorization of the DSL. Please check to see if this affects your company. Acetone (CAS # 67-64-1). Ethylbenzene (CAS # 100-41-4). Cumene (CAS # 98-82-8). Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS # 68410-97-9). Toluene (CAS# 108-88-3).

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SECTION 15: REGULATORY INFORMATION

Environmental Emergency Regulations.... Some components of this product are on the Environmental Emergency Regulations and may require additional reporting. Xylene (CAS # 1330-20-7) Part 1. Ethylbenzene (CAS # 100-41-4) Part 1. Toluene (CAS # 108-88-3) Part 1.

National Pollutant Release Inventory (NPRI)Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 1330-20-7 (CAT 1A &5)). (CAS # 100-41-4 (CAT 1A)). (CAS # 98-82-8 (CAT 1A)). (CAS # 108-88-3 (CAT 1A &5)).

OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.
 SARA Title III
 Section 302 - extremely hazardous substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... Xylene. Ethylbenzene. Cumene. Toluene.
 EPA hazardous air pollutants (HAPS) Xylene. Ethylbenzene. Cumene. Toluene.
 40CFR63
 TSCA inventory status..... All components are listed.
 California Proposition 65..... *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Ethylbenzene (C)). (Cumene (C)).
 *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Toluene(D)).

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.

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 data sheet