



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

PRODUCT: PF 578 LACQUER TOOL & EQUIPMENT CLEANER - AEROSOL

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 578 LACQUER TOOL & EQUIPMENT CLEANER - AEROSOL

Recommended use and restrictions on .. Lacquer thinner.
use

Chemical family..... Solvent blend.

NFPA rating..... Health: 3 Fire: 3 Reactivity: 1.

HMIS..... H: 3 F: 3 R: 1.

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 1. Gas under pressure: Compressed Gas. Aspiration Toxicity 1. Eye Irritation — Category 2A. Skin Irritation — Category 3. Specific Target Organ Toxicity — Single Exposure — Category 3.

Hazard Description..... H222 Extremely flammable aerosol. H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H316 Causes mild skin irritation. 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 P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. 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. 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.

Storage..... 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.

Note This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	65-85
Naphtha (petroleum), hydrotreated light	64742-49-0	7-13
Carbon dioxide	124-38-9	5-10

<<The actual concentration(s) withheld as a trade secret>> .

PRODUCT: PF 578 LACQUER TOOL & EQUIPMENT CLEANER - AEROSOL**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.
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. Rinse mouth with water. 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.
Most important symptoms and effects, whether acute or delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.
Additional information.....	Provide general supportive measures. Treat victims symptomatically. In case of shortness of and special treatment needed breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. 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 extinguishing media.....	Foam, "alcohol" foam, CO2, dry chemical, water fog.
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	Contents under pressure. Pressurized container may explode when exposed to heat or flame. .
Special protective equipment and precautions for fire-fighters	Extremely flammable aerosol. 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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. . Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: ACCIDENTAL RELEASE MEASURES

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. Do not touch spilled material. Avoid breathing vapours. Wear appropriate personal protection equipment.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
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. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Avoid prolonged or repeated skin contact. Use in well ventilated areas. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Store away from sunlight. Do not store above 50 deg C. Keep container closed when not in use. Store away from all sources of heat and ignition. Do not puncture, incinerate or crush container. Store away from incompatible materials.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm	
	CA ON AB: 500ppm (TWA); 750ppm (STEL)					

PRODUCT: PF 578 LACQUER TOOL & EQUIPMENT CLEANER - AEROSOL**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane) 1100 ppm (IDLH)	Not established	Not established	Not established	Not established	Not established
Carbon dioxide	5000 ppm	30000 ppm	5000 ppm	No data	5000 ppm 10 hours STEL 30000 ppm 15 minutes	
STEL 30000ppm (3%)						
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type.....	Safety glasses with side-shields. Consult your personal protective equipment supplier for additional recommendations.					
Gloves/ type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.					
Clothing/type.....	Wear adequate protective clothes. 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. Employees should wash their hands and face before eating, drinking, or using tobacco products.					
Appropriate engineering controls.....	Local exhaust should be used to maintain levels below the exposure limits.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Aerosol. Spray, mist.
Colour.....	Not available.
Odour.....	Acetone Odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.7-0.8.
Initial boiling point / boiling range (deg C).....	> 56 °C. (acetone).
Melting / Freezing point (deg C).....	-95. (acetone).
Flash point (deg C), method.....	-9. (ASTM D-56). (Heptane).
Aerosol Ignition Distance.....	Ignition Distance of greater than or equal to 75 cm. .
Flashback.....	No data.
Evaporation rate.....	Not available.
VOC Content.....	NMT 10.
Maximum incremental reactivity (MIR).....	0.435.
Solubility.....	Nil.
Auto ignition temperature (deg C).....	265 (Heptane).
Lower flammable limit (% vol).....	1.1. (heptane).
Upper flammable limit (% vol).....	265 (heptane).
Viscosity.....	0.49 cSt (0.49 mm2/sec) at 40 °C. (Heptane).
NOTE.....	NMT = Not More Than.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions of use.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid, including static discharge, shock or vibration	Keep away from heat. Electrostatic charge. Incompatible with strong oxidizers. Strong oxidizing agents.
Hazardous decomposition products.....	Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
Carbon dioxide	No data	No data

PRODUCT: PF 578 LACQUER TOOL & EQUIPMENT CLEANER - AEROSOL**SECTION 11: TOXICOLOGICAL INFORMATION**

Route of exposure.....	Eye contact. Skin contact. Inhalation.
Symptoms related to the physical, chemical and toxicological characteristics	Irritation effects.
Skin corrosion/irritation.....	Causes mild skin irritation. Prolonged contact may be more irritating.
Serious eye damage/eye irritation.....	Causes serious eye irritation.
Respiratory or Skin Sensitization.....	None known.
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.
Reproductive effects.....	No component of this product present at levels greater than or equal to 0.1% .
Mutagenicity.....	No component of this product present at levels greater than or equal to 0.1% .
STOT-SE.....	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-RE.....	Not classified.
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. 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 . Heptanes including isomers (CAS#: 64742-49-0): Toxicity to fish: LL50 > 13.4 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: EL50 3 mg/L, 48 hrs; Toxicity to algae: EL50 10-30 mg/L, 72 hrs. Chronic Toxicity Daphnia magna: NOEC 0.17 mg/L 21 days.
Persistence and degradability.....	Product has not been tested.
Bioaccumulative potential.....	Product has not been tested.
Mobility in soil.....	Product has not been tested.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.
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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. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG regulations for limited quantity exemptions.
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).
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.....	None.
EPA hazardous air pollutants (HAPS)	None.
40CFR63	
California Proposition 65.....	None. For more information, go to www.P65Warnings.ca.gov .

SECTION 16: OTHER INFORMATION

Prepared by:	REGULATORY AFFAIRS.
Telephone number:.....	(800) 387-7981.

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SECTION 16: OTHER INFORMATION

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.

Review Date:..... 2022-11-30.
Date of the latest revision of the safety .. 2023-10-20
data sheet