



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

PRODUCT: PF 218 GLASS-SEAL SEALER

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 218 GLASS-SEAL SEALER

Recommended use and restrictions on .. Sealer. Adhesive applications.
use

Chemical family..... Hydrocarbons.

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

HMIS..... H: 3 F: 3 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 Liquid 3. Aspiration Toxicity 1. Skin Corrosion/Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (Narcotic Effects).

Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin 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. 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. 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. P312 Call a POISON CENTER/doctor 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. 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.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Xylene	1330-20-7	15-40

PRODUCT: PF 218 GLASS-SEAL SEALER**SECTION 04: FIRST-AID MEASURES**

Skin contact.....	Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention.
Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Consult a physician if irritation continues.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	In the event of accidental ingestion, rinse mouth with water; obtain medical advice 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. Note to physician: Contains petroleum distillates.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	Foam, "alcohol" foam, CO2, dry chemical, water fog.
Unsuitable extinguishing media.....	Water spray may be ineffective.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2). By fire: protect against potentially toxic and irritating fumes. Closed containers may explode when exposed to extreme heat. May form combustible or explosive mixture with air.
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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ventilate area. 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	Remove material with absorbents and/or non sparking tools. Use absorbent booms to dike area.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Avoid breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry and well ventilated area. Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available	Not available	
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Personal Protective Equipment	
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Chemical resistant gloves: butyl rubber, nitrile rubber, neoprene, PVC. 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.
Clothing/type.....	Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. Consult your personal protective equipment supplier for additional recommendations.

PRODUCT: PF 218 GLASS-SEAL SEALER**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Footwear/type..... Safety boots per local regulations. Consult your personal protective equipment supplier for additional recommendations.

Other/type..... Eye wash facility and emergency shower should be in close proximity.

Appropriate engineering controls..... Local exhaust only.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Paste.

Colour..... Black.

Odour..... Characteristic odour. Hydrocarbon. Solvent odour.

Odour threshold (ppm)..... No data.

Vapour pressure (mm Hg)..... 11.

Vapour density (air=1)..... 3.66.

pH..... Not applicable.

Relative Density (Specific Gravity)..... 1.085.

Density..... 9.05 lbs/USG.

Melting / Freezing point (deg C)..... -47 C.

Solubility..... Nil.

Initial boiling point / boiling range (deg C). 136.6 - 143.3 C.

Evaporation rate..... 0.51. (n-Butyl Acetate = 1).

Flash point (deg C), method..... 27.

Auto ignition temperature (deg C)..... 465.6 C (870 F).

Upper flammable limit (% vol)..... 6.6.

Lower flammable limit (% vol)..... 1.1.

Partition coefficient — n-octanol/water..... No data.

% Volatile by volume..... 46.13.

VOC Content..... 400.4 g/L.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability..... Stable at normal temperatures and pressures.

Reactivity Not reactive under normal conditions of use.

Conditions to avoid, including static Incompatible with strong oxidizers. Ignition sources. Vapours are heavier than air and may travel a considerable distance to an ignition source and flashback.

Hazardous decomposition products..... None known.

Possibility of hazardous reactions..... Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Effects of acute exposure.....	May cause drying or flaking of the skin. May cause moderate to severe eye irritation. Ingestion may cause adverse health effects. May cause central nervous system depression, inebriation, followed by headache and nausea. In severe cases, dizziness, convulsions and unconsciousness. Anorexia and nervousness may persist for several months following acute overexposure.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Possible damage to liver and kidneys. May cause damage to the respiratory system, lungs, eyes, skin and central nervous system. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Anorexia and nervousness may persist for several months following acute overexposure.	
Carcinogenicity.....	This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.	
Mutagenicity.....	Not available.	
Reproductive effects.....	Not available.	
Aspiration Hazard.....	Not available.	
Respiratory or Skin Sensitization.....	Not available.	
Serious eye damage/eye irritation.....	Not available.	
Skin corrosion/irritation.....	Causes skin irritation.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil.

Persistence and degradability..... Unknown.

Bioaccumulative potential..... Unknown.

Mobility in soil..... Not available.

PRODUCT: PF 218 GLASS-SEAL SEALER**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. 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. Do not heat or cut empty containers with electric or gas torch.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1133 - ADHESIVES containing flammable liquid - Class 3 - PG III. Limited Quantity exemption when packaged in containers less than 5 liters.
 IATA Classification (Air)..... UN1133 - ADHESIVES containing flammable liquid - Class 3 - PG III.
 IMDG Classification (Marine)..... UN1133 - ADHESIVES containing flammable liquid - Class 3 - PG III.
 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 may have met the criteria under subsection 73(1) of CEPA during categorization of the DSL. Please check to see if this affects your company.
 Environmental Emergency Regulations.... Xylene (CAS # 1330-20-7) Part 1.
 National Pollutant Release Inventory (NPRI)(CAS # 1330-20-7 (CAT 1A &5)).
 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 None.
 substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... Xylene.
 EPA hazardous air pollutants (HAPS) Xylene.
 40CFR63
 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.
 Review Date:..... 2022-11-30.
 Date of the latest revision of the safety .. 2024-03-15
 data sheet