



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..... Mixture.

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 Irritation — Category 2. STOT SE 3.  
Reproductive Toxicity — Category 2.

Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H361 Suspected of  
damaging fertility or the unborn child.

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. P280 Wear protective gloves and eye protection. P264 Wash thoroughly  
after handling. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors  
or in a well ventilated area.

Response ..... P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately.  
Rinse thoroughly with water and use safety shower . P370 + P378 In case of fire - use dry  
chemical powder, CO2 or foam to extinguish. P301 + P310 If swallowed IMMEDIATELY  
CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331  
Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. 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. P321 - For  
specific treatment see section 4 on this SDS.

Storage..... P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up. P233 Keep  
container tightly closed.

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

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME AND SYNONYMS | CAS #     | WT. % |
|----------------------------|-----------|-------|
| Xylene                     | 1330-20-7 | 35-40 |

**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 and unsuitable extinguishing media  | Foam, "alcohol" foam, CO2, dry chemical, water fog.   |
| 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.  |
| 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**

|                 |   |
|-----------------|---|
| Leak/spill..... | Avoid breathing vapours and skin contact. Remove sources of ignition if combustible or flammable vapours may be present and ventilate area. Ventilate area to remove the remaining vapours. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. 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. |
|-----------------|---|

**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<br>STEL | PEL         | OSHA PEL<br>STEL | REL             | NIOSH           |
|-------------------------------|---|-------------------|-------------|------------------|-----------------|-----------------|
| Xylene                        | 50 ppm  | 150 ppm           | 100 ppm TWA | Not established  | Not established | Not established |
|                               | CA ON: 100ppm (TWA); 150ppm (STEL)  |                   |             |                  |                 |                 |
| Personal Protective Equipment |   |                   |             |                  |                 |                 |
| Eye/type.....                 | Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists.   |                   |             |                  |                 |                 |
| Gloves/ type.....             | Chemical resistant gloves: butyl rubber, nitrile rubber, neoprene, PVC.   |                   |             |                  |                 |                 |
| Respiratory/type.....         | Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. |                   |             |                  |                 |                 |
| Clothing/type.....            | Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure.  |                   |             |                  |                 |                 |
| Footwear/type.....            | Safety boots per local regulations.   |                   |             |                  |                 |                 |
| Other/type.....               | Eye wash facility and emergency shower should be in close proximity.  |                   |             |                  |                 |                 |

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

Appropriate engineering controls..... Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state..... Paste.  
 Colour..... See product specifications.  
 Odour..... Hydrocarbon odour.  
 Odour threshold (ppm)..... Not available.  
 Vapour pressure (mm Hg)..... 11 mmHg @ 20 C.  
 Vapour density (air=1)..... 3.7.  
 pH..... No data.  
 Relative Density (Specific Gravity)..... 1.085.  
 Density..... 9.05 lbs/USG.  
 Melting / Freezing point (deg C)..... -47 C.  
 Solubility..... Insoluble.  
 Initial boiling point / boiling range (deg C). 136-140.  
 Evaporation rate..... 0.51.  
 Flash point (deg C), method..... 26.  
 Auto ignition temperature (deg C)..... 465°C (869°F).  
 Upper flammable limit (% vol)..... 6.6.  
 Lower flammable limit (% vol)..... 1.1.  
 Partition coefficient — n-octanol/water..... Not available.  
 % Volatile by volume..... 46.  
 VOC (less water)..... 400 g/l - 3.35 lb/usg. 400.4 g/L.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability..... Stable at normal temperatures and pressures.  
 Reactivity ..... Avoid heat, sparks and flames.  
 Conditions to avoid, including static ..... Keep away from heat. Incompatible with strong oxidizers.  
 discharge, shock or vibration  
 Hazardous decomposition products..... See hazardous combustion products section 5.  
 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.  |                      |
| 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.  |                      |
| Carcinogenicity of material..... | This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.   |                      |
| Reproductive effects.....        | High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known.   |                      |

**SECTION 12: ECOLOGICAL INFORMATION**

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

WHMIS 1988 classification..... B3, D2A, D2B.  
 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 ..... 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. 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