



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

PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK

SECTION 01: IDENTIFICATION

Product identifier..... PF 224 URETHANE SEALER/ADHESIVE - BLACK
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 .. Adhesive applications. No restrictions on use known.
use
Chemical family..... Mixture.
Hazard rating
NFPA rating..... Health: 2 Fire: 1 Reactivity: 0.
HMIS..... H: 2 F: 1 R: 1.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.
Hazard Classification..... Flammable Liquid 3. Serious Eye Damage/Eye Irritation — Category 1. Skin
Corrosion/Irritation — Category 2. Aquatic Chronic 3.
Hazard Description..... H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye
damage. H412 Harmful to the aquatic life with long lasting effects.
Precautionary Statements
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. P264 Wash thoroughly after handling.
P273 Avoid release to the environment. P280 Wear protective gloves and eye protection.
Response 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 . 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. P310 - Immediately call your local poison control centre. P321 - For specific
treatment see section 4 on this SDS. 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 + P235 Store in well ventilated area. Keep cool.
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 | 1-5 |
| Titanium Dioxide | 13463-67-7 | 0.1-5 |
| 3-(Trimethoxysilyl) Propyl Glycidil | 2530-83-8 | 0.1-1 |

PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK**SECTION 04: FIRST-AID MEASURES**

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| 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. Consult a physician if irritation continues. |
| Skin contact..... | Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing 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..... | Do not induce vomiting. Do not administer anything not explicitly authorized by a doctor. Immediately call a physician. |
| Most important symptoms and effects, whether acute or delayed | Specific information on symptoms and effects caused by the product are unknown. |
| Indication of immediate medical attention and special treatment needed, if necessary | Not available. |

SECTION 05: FIRE-FIGHTING MEASURES

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| Suitable extinguishing media..... | Carbon dioxide. Foam. Dry powder. Water spray. |
| Unsuitable extinguishing media..... | None known. |
| Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products | Do not breathe combustion products. |
| 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. Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Collect contaminated fire extinguishing water separately. Do not allow run-off into drains, surface waters or ground waters. |

SECTION 06: ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | Wear appropriate personal protection equipment. Evacuate personnel to a safe area. |
| 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 | Clean up any residual material with absorbent and dispose of as hazardous waste. Make sure the leakage site is well aired. |

SECTION 07: HANDLING AND STORAGE

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| Precautions for safe handling..... | Use adequate ventilation. Wash hands and arms after handling. Wash contaminated clothing prior to reuse. Keep away from heat, sparks, and open flame. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Prevent accumulation of electrostatic charges. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry and well ventilated area. Store in original container. Keep container closed when not in use. Store away from incompatible materials. Keep away from heat, sparks, and open flames. |

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| INGREDIENTS | ACGIH TLV | | OSHA PEL | | NIOSH REL |
|--|---|---------------|---------------|---------------|---------------|
| | TWA | STEL | PEL | STEL | |
| Xylene | 50 ppm CA ON: 100ppm (TWA); 150ppm (STEL) | 150 ppm | 100 ppm TWA | Not available | Not available |
| Titanium Dioxide | 10 mg/m3 CA ON: 10 mg/m3 (TWA) | Not available | 15 mg/m3 | Not available | Not available |
| 3-(Trimethoxysilyl) Propyl Glycidil | Not available | Not available | Not available | Not available | Not available |
| Personal Protective Equipment | Not available | | | | |
| Eye/type..... | Wear airtight protective goggles. Consult your personal protective equipment supplier for additional recommendations. | | | | |
| Respiratory/type..... | Wear a NIOSH approved respirator. Consult your personal protective equipment supplier for additional recommendations. | | | | |
| Gloves/ type..... | Wear chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations. | | | | |

PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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|---------------------------------------|--|
| Clothing/type..... | Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. 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..... | Eye wash facility and emergency shower should be in close proximity. Employees should wash their hands and face before eating, drinking, or using tobacco products. Wash clothing after every use. |
| Appropriate engineering controls..... | Local exhaust should be used to maintain levels below the exposure limits. |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance/Physical state..... | Paste. |
| Colour..... | Various colours. |
| Odour..... | Characteristic odour. |
| Odour threshold (ppm)..... | Not available. |
| Melting / Freezing point (deg C)..... | Not available. |
| Initial boiling point / boiling range (deg C)..... | Not available. |
| Lower flammable limit (% vol)..... | Not available. |
| Upper flammable limit (% vol)..... | Not available. |
| Flash point (deg C), method..... | Not available. |
| Auto ignition temperature (deg C)..... | Not available. |
| pH..... | Not available. |
| Viscosity..... | Not available. |
| Solubility..... | Not available. |
| Partition coefficient — n-octanol/water..... | Not available. |
| Vapour pressure (mm Hg)..... | Not available. |
| Relative Density (Specific Gravity)..... | 1.05 - 1.10. g/cm3. |
| Vapour density (air=1)..... | Not available. |
| Particle characteristics..... | Not applicable. |

SECTION 10: STABILITY AND REACTIVITY

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| 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 | Contact with incompatible substances. |
| Hazardous decomposition products..... | May develop: nitric oxide, carbon oxides, hydrogen cyanide. |
| Possibility of hazardous reactions..... | Reacts violently with: strong oxidants, strong acids, nitric acid, perchlorates. May form explosive mixtures with: air. May react dangerously with: alcohols, amines, ammonia, sodium hydroxide, acids, water, strong acids, strong bases. |

SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
|--|--|---|
| Xylene | 6350 ppm 4 hours rat | >3523 mg/kg rat oral |
| Titanium Dioxide | >6.8 mg/L (4 hr) | >10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal) |
| 3-(Trimethoxysilyl) Propyl Glycidil | >5.3 mg/L | 8,025 mg/kg (oral rat) 4,250 mg/kg (dermal rabbit) |
| Acute Toxicity Estimate (ATE)..... | ATEmix: (Inhalation - vapours) of the mixture: > 20 mg/l. ATEmix: (Dermal) of the mixture: >2000 mg/kg. | |
| Route of exposure..... | Eye contact. Skin contact. Inhalation. Ingestion. | |
| Effects of acute exposure..... | XYLENE (MIXTURE OF ISOMERS): Toxic effect on the central nervous system (encephalopathy); irritating for the skin, conjunctiva, cornea and respiratory apparatus. | |
| Effects of chronic exposure..... | XYLENE (MIXTURE OF ISOMERS): Intake of alcohol interferes with the metabolism of the substance, inhibiting it. Ethanol consumption (0.8 g/kg) before a 4-hour exposure to xylene vapours (145 and 280 ppm) causes a 50% reduction in the excretion of methyl hippuric acid, whereas the concentration of xylenes in the blood increases approx. 1.5-2 times. At the same time there is an increase in the secondary side effects of the ethanol. The metabolism of the xylenes is increased by phenobarbital and 3-methyl-colantrene type enzyme inducers. Aspirin and xylenes mutually inhibit their conjugation with the glycine which results in a decrease in urinary excretion of methyl hippuric acid. Other industrial products can interfere with the metabolism of xylenes. | |
| Skin corrosion/irritation..... | Causes skin irritation. | |
| Serious eye damage/eye irritation..... | Causes serious eye damage. | |
| Respiratory or Skin Sensitization..... | Does not meet the criteria for this classification. | |

PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK**SECTION 11: TOXICOLOGICAL INFORMATION**

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|---------------------------|---|
| Mutagenicity..... | Does not meet the criteria for this classification. |
| Carcinogenicity..... | This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA. |
| Reproductive effects..... | Does not meet the criteria for this classification. |
| STOT-SE..... | Does not meet the criteria for this classification. |
| STOT-RE..... | Does not meet the criteria for this classification. |
| Aspiration Hazard..... | Does not meet the criteria for this classification. |

SECTION 12: ECOLOGICAL INFORMATION

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| Environmental..... | Do not allow to enter waters, waste water or soil. |
| Persistence and degradability..... | XYLENE (MIXTURE OF ISOMERS): Solubility in water 100 - 1000 mg/l. Rapidly degradable. |
| Bioaccumulative potential..... | XYLENE (MIXTURE OF ISOMERS): Partition coefficient: n-octanol/water 3.12. BCF 25.9. |
| Mobility in soil..... | XYLENE (MIXTURE OF ISOMERS): Partition coefficient: soil/water 2.73. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| 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. Industrial incineration is the preferred method. Empty containers retain product residue; observe all precautions for the product. Decontaminate containers prior to disposal. Empty decontaminated containers should be crushed to prevent reuse. Do not heat or cut empty containers with electric or gas torch as vapours and gases may be toxic. |
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SECTION 14: TRANSPORT INFORMATION

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| TDG Classification..... | Not regulated. |
| IATA Classification (Air)..... | Not regulated. |
| IMDG Classification (Marine)..... | Not regulated. |
| 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

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| 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. (CAS # 13463-67-7). |
| 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. |
| National Pollutant Release Inventory (NPRI) | Some components are subject to reporting under NPRI. Please check your responsibility. (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 substances | None. |
| Section 311/312 - hazard categories..... | Immediate health, delayed health. |
| Section 313..... | Xylene. |
| EPA hazardous air pollutants (HAPS) 40CFR63 | None. |
| California Proposition 65..... | This product does not contain any chemical(s) listed on California's Proposition 65. |

SECTION 16: OTHER INFORMATION

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| 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 data sheet | 2023-12-11 |