



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 .. Adhesives, sealants. No restrictions on use known.  
use  
Chemical family..... Mixture.  
NFPA rating..... Health: 2 Fire: 1 Reactivity: 0.  
HMIS..... H: 2 F: 1 R: 1.

### SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.  
Hazard Classification..... Skin Corrosion/Irritation — Category 2. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory). Specific Target Organ Toxicity — Repeated Exposure — Category 1. (Organs).  
Hazard Description..... H315 Causes skin irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure.  
Precautionary Statements  
Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.  
Response ..... P302 + P352 - If on skin: wash with plenty of water. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. 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. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse.  
Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. 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 | 1-5   |
| Benzene, 1,1'-methylenebis[4-isocyanato- (MDI) | 101-68-8  | <0.1  |

### 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. Check for and remove any contact lenses, if safe and easy to do so. Consult a physician if irritation continues.

**PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK****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. |
| 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 | Treat symptomatically. 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. 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 | Toxic gases and/or vapours may be formed.   |
| 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. Do not allow run-off into drains, surface waters or ground waters. |

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

|   |  |
|---|--|
| 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. Dispose of waste material in accordance with all Local, Provincial and Federal Regulations. |

**SECTION 07: HANDLING AND STORAGE**

|  |  |
|--|--|
| Precautions for safe handling.....                           | Use adequate ventilation. Wash hands and arms after handling. Wash contaminated clothing prior to reuse.           |
| 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. |

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

| INGREDIENTS | TWA | ACGIH TLV STEL | PEL | OSHA PEL STEL | REL | NIOSH |
|-------------|-----|----------------|-----|---------------|-----|-------|
|-------------|-----|----------------|-----|---------------|-----|-------|

|        |                                    |         |             |               |               |
|--------|------------------------------------|---------|-------------|---------------|---------------|
| Xylene | 50 ppm                             | 150 ppm | 100 ppm TWA | Not available | Not available |
|        | CA ON: 100ppm (TWA); 150ppm (STEL) |         |             |               |               |

|  |           |               |               |                      |            |
|--|-----------|---------------|---------------|----------------------|------------|
| Benzene, 1,1'-methylenebis[4-isocyanato- (MDI) | 0.005 ppm | Not available | 0.005 ppm TWA | 0.005 ppm AB OEL TWA | 0.05 mg/m3 |
|--|-----------|---------------|---------------|----------------------|------------|

Not available

**Personal Protective Equipment**

|                                       |  |
|---------------------------------------|--|
| 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.  |
| Clothing/type.....                    | Wear chemical resistant clothing. Consult your personal protective equipment supplier for additional recommendations.  |
| Footwear/type.....                    | Wear chemical resistant safety boots. 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.   |

**PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

|  |                       |
|--|-----------------------|
| Appearance/Physical state.....                     | Paste.                |
| Colour.....  | Black.                |
| 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).....           | Not available.        |
| Vapour density (air=1).....                        | Not available.        |
| VOC Content.....                                   | <50 g/L.              |
| Density.....                                       | 1,08 ± 0,03 g/ml.     |
| Particle characteristics.....                      | Not applicable.       |

**SECTION 10: STABILITY AND REACTIVITY**

|   |  |
|---|--|
| 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.                                  |
| Possibility of hazardous reactions.....                                   | No dangerous reaction known under conditions of normal use. .          |
| Hazardous decomposition products.....                                     | No hazardous decomposition products when stored and handled correctly. |

**SECTION 11: TOXICOLOGICAL INFORMATION**

| INGREDIENTS                                    | LC50  | LD50  |
|--|---|---|
| Xylene   | 6350 ppm 4 hours rat  | >3523 mg/kg rat oral                            |
| Benzene, 1,1'-methylenebis[4-isocyanato- (MDI) | 490 mg/m <sup>3</sup> 4 hr 0.369 mg/L 4 hr  | 9,200 mg/kg rat oral >7,900 mg/kg rabbit dermal |
| Acute Toxicity Estimate (ATE).....             | ATE US (xylene): 1100 mg/kg bodyweight (dermal); 4500 ppmv/4h (gas); 11 mg/l/4h (vapour); 1.5 mg/l/4h (dust, mist). ATE US (MDI): 4500 ppmv/4h (gases); 11 mg/l/4h (vapours); 1.5 mg/l/4h (dust, mist). |   |
| Route of exposure.....                         | Eye contact. Skin contact. Inhalation. Ingestion.   |   |
| Effects of acute exposure.....                 | Not available.  |   |
| Effects of chronic exposure.....               | Not available.  |   |
| Skin corrosion/irritation.....                 | Causes skin irritation.   |   |
| Serious eye damage/eye irritation.....         | Does not meet the criteria for this classification.   |   |
| Respiratory or Skin Sensitization.....         | Does not meet the criteria for this classification.   |   |
| Carcinogenicity.....                           | This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.   |   |
| Mutagenicity.....                              | Does not meet the criteria for this classification.   |   |
| Reproductive effects.....                      | Does not meet the criteria for this classification.   |   |
| STOT-SE.....                                   | May cause respiratory irritation.   |   |
| STOT-RE.....                                   | May cause damage to organs through prolonged and repeated exposure.   |   |
| Aspiration Hazard.....                         | Does not meet the criteria for this classification.   |   |

**SECTION 12: ECOLOGICAL INFORMATION**

|                                    |  |
|------------------------------------|--|
| Environmental.....                 | Do not allow to enter waters, waste water or soil. |
| Persistence and degradability..... | No product data available.                         |
| Bioaccumulative potential.....     | No product data available.                         |
| Mobility in soil.....              | No product data available.                         |

**SECTION 13: DISPOSAL CONSIDERATIONS**

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.

**PRODUCT: PF 224 URETHANE SEALER/ADHESIVE - BLACK****SECTION 14: TRANSPORT INFORMATION**

|                                   |  |
|-----------------------------------|--|
| 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**

|  |   |
|--|---|
| CEPA status.....                                   | On Domestic Substances List (DSL).  |
| Schedule 1.....                                    | The following substances are on CEPA's Schedule 1 and are considered CEPA Toxic. Additional reporting may be required: (CAS # 101-68-8).                              |
| 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 # 101-68-8(CAT.1A)).                       |
| 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.                |
| 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 # 101-68-8). |
| 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. 4,4'-methylenediphenyl diisocyanate.  |
| EPA hazardous air pollutants (HAPS) ..... 40CFR63  | 4,4'-methylenediphenyl diisocyanate.  |
| California Proposition 65.....                     | This product does not contain any chemical(s) listed on California's Proposition 65.  |

**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. |
| Date of the latest revision of the safety data sheet .. | 2024-12-06  |