



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

PRODUCT: PF 212 RUBBER BASED SEAM SEALER CLEAR

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 212 RUBBER BASED SEAM SEALER CLEAR

Recommended use and restrictions on .. Automotive. Coatings.
use

Chemical family..... Rubber/resin.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 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 2. Aspiration Toxicity 1. Skin Irritation — Category 2. STOT SE 3. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2.

Hazard Description..... H225 Highly 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. H373 May cause damage to the liver and kidneys through prolonged or repeated contact.

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. P271 Use only outdoors or in a well ventilated area. P260 Do not breathe mist, vapours, or spray.

Response 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. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. 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. P314 - Get medical advice/attention if you feel unwell. 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.

PRODUCT: PF 212 RUBBER BASED SEAM SEALER CLEAR**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
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Toluene	108-88-3	30-35
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SECTION 04: FIRST-AID MEASURES

Eye contact..... Flush for 15 minutes using plenty of water. If irritation persists seek medical attention.
 Skin contact..... Wash using plenty of soap and water. Remove contaminated clothing.
 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. Seek medical assistance as soon as possible.
 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.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media Water fog. Carbon dioxide. Dry chemical. Water spray.
 Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products Oxides of carbon (CO, CO₂). Hydrocarbon fumes and smoke.
 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. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. 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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill..... Keep away from heat, sparks and flames. Eliminate all sources of ignition. Wear a breathing apparatus. Evacuate all non-essential personnel. Absorb with an inert dry material and place in an appropriate waste container. Do not allow product to run into sewers, basements or other enclosed areas.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Containers must be grounded and bonded. Do not use near sources of ignition, open flames or sparks. Do not cut, drill, weld or grind on or near the container. Open containers slowly to allow for any pressure build-up to escape. Keep containers closed when not in use. Vapours of toluene may be released on heating or placing in solution and can accumulate during storage in closed container. Keep container closed when not in use. Use adequate ventilation. Wash thoroughly after handling.
 Conditions for safe storage, including any incompatibilities Store in a cool area, away from all sources of heat and ignition. Adopt precautionary measures against the build-up of electrostatic charges. Do not store above 50 deg C.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	REL	OSHA PEL STEL	NIOSH
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Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
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CA ON: TWA: 20 ppm

Personal Protective Equipment
 Eye/type..... Liquid chemical goggles.
 Respiratory/type..... For operations where inhalation exposure can occur, a NIOSH-approved respirator may be necessary.
 Gloves/ type..... Chemical resistant gloves.
 Clothing/type..... Wear coveralls, long sleeves.
 Footwear/type..... Safety boots per local regulations.
 Other/type..... Emergency showers and eye wash stations should be available.
 Appropriate engineering controls..... Good general ventilation should be sufficient to control airborne levels.

PRODUCT: PF 212 RUBBER BASED SEAM SEALER CLEAR**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state.....	Paste.
Colour.....	Clear.
Odour.....	Aromatic odour.
Odour threshold (ppm).....	37 ppm.
Vapour pressure (mm Hg).....	0.03 bar (0.4 psia) (@20°C).
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.998.
Pounds / USG.....	8.2.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Not soluble in water.
Initial boiling point / boiling range (deg C).....	110°C.
Evaporation rate.....	> 1.0.
Flash point (deg C), method.....	4 C.
Auto ignition temperature (deg C).....	480 C.
Upper flammable limit (% vol).....	6.7.
Lower flammable limit (% vol).....	1.3.
Partition coefficient — n-octanol/water.....	None.
% Volatile by weight.....	39.
Viscosity.....	600,000 – 700,000 CPS.
VOC (less water).....	383 g/L.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Explosive reactions can occur in the presence of strong oxidizing agents. Avoid heat, sparks and flames.
Conditions to avoid, including static discharge, shock or vibration	Incompatible with strong oxidizers. Especially Oxygen, Chlorine & Fluorine.
Hazardous decomposition products.....	When burning may cause formation of toxic chemicals.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Toluene	8000ppm rat inhalation 400ppm mouse inhalation 24hr	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Skin: central nervous system depression. Irritation of eyes, nose and throat, headache, dizziness, impairment of coordination, convulsion and unconsciousness. Anxiety and nervousness may persist several months after acute exposure.	
Effects of chronic exposure.....	Inhalation of vapour concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated skin contact may result in dry, defatted and cracked skin, causing increased susceptibility to infection.	
Carcinogenicity of material.....	The components of this product are not listed by IARC, NTP or regulated as a carcinogen by OSHA.	
Reproductive effects.....	Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects. Toluene is known by the State of California to cause adverse fetal developmental effects.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Do not allow to enter waters, waste water or soil.
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SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	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.
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PRODUCT: PF 212 RUBBER BASED SEAM SEALER CLEAR**SECTION 14: TRANSPORT INFORMATION**

TDG Classification..... UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II - This product meets the criteria for Limited Quantity Exemptions when packaged in containers equal to or less than 5 litres.

IATA Classification (Air)..... UN1133 - ADHESIVES - Class 3 - PG II.

IMDG Classification (Marine)..... UN1133 - ADHESIVES - Class 3 - PG II EmS: F-E S-E.

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..... B2. D2A. D2B.

CEPA status..... On Domestic Substances List (DSL).

TSCA inventory status..... All components are listed.

SARA Title III

Section 302 - extremely hazardous None.

substances

Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.

Section 313..... Toluene.

EPA hazardous air pollutants (HAPS) Toluene.

40CFR63

California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (Toluene).

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.

Date of the latest revision of the safety .. 2019-04-18

data sheet