



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

PRODUCT: PF 205 RUBBER BASED ECONOMICAL SEAM SEALER (OFF WHITE)

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 205 RUBBER BASED ECONOMICAL SEAM SEALER (OFF WHITE)

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. Skin Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.

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. P260 Do not breathe mist, vapours, or spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. 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. P308 + P313 If exposed or concerned, get medical advice/attention. 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.

Storage..... P235 Keep cool. 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.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Toluene	108-88-3	10-30
Xylene	1330-20-7	10-30

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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..... 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. Seek medical assistance as soon as possible. If vomiting occurs, keep head low so that stomach content does not aspirate into the lungs.
 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. Use good hygiene practices.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media Dry chemical. CO2. Foam. Do not use water in a jet.
 Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products Oxides of carbon (CO, CO2).
 Special protective equipment and precautions for fire-fighters Vapours are heavier than air and collect in low lying areas. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill..... Eliminate all sources of ignition. Stop leak if safe to do so. Evacuate all non-essential personnel. Open windows or provide forced ventilation. Dike area to prevent spreading. Prevent runoff into drains, sewers, and other waterways. Shovel or pump to drum or salvage tank. Absorb residual material with sand, or other absorbent material. 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..... 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.
 Conditions for safe storage, including any incompatibilities Keep away from heat, sparks, and open flames. Store away from oxidizing and reducing materials. Store away from sunlight. Store and use in a cool dry environment. Store in flammable goods area. Keep container tightly closed.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH REL
	TWA	STEL	PEL	STEL	
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
	CA ON: TWA: 20 ppm				
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
	CA ON: 100ppm (TWA); 150ppm (STEL)				
Personal Protective Equipment					
Respiratory/type.....	Use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator.				
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear coveralls, long sleeves.				
Footwear/type.....	Safety shoes.				
Other/type.....	Good safety practices.				
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				

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Appropriate engineering controls..... 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. Ventilation system must be designed vapor and explosion proof for handling solvent vapors.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Paste.
 Colour..... White.
 Odour..... Aromatic odour.
 Odour threshold (ppm)..... Not available.
 Vapour pressure (mm Hg)..... 24.
 Vapour density (air=1)..... 3.2.
 pH..... Not applicable.
 Relative Density (Specific Gravity)..... 1.47 lb/usg - 0.18 g/mL.
 Melting / Freezing point (deg C)..... Not available.
 Solubility..... Not soluble in water.
 Initial boiling point / boiling range (deg C). 110°C.
 Evaporation rate..... 1.9.
 Flash point (deg C), method..... 4 °C. (Tag Closed Cup).
 Auto ignition temperature (deg C)..... No data.
 Upper flammable limit (% vol)..... 7.
 Lower flammable limit (% vol)..... 1.2.
 Partition coefficient — n-octanol/water..... None.
 % Volatile by weight..... 30.
 VOC (less water)..... 513 g/L - 4.28 lb/usg.
 Viscosity..... 4000-5000 cps.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability..... Yes.
 Reactivity Will not react.
 Possibility of hazardous reactions..... Hazardous polymerization will not occur.
 Conditions to avoid, including static Incompatible with strong oxidizers.
 discharge, shock or vibration
 Hazardous decomposition products..... Oxides of carbon (CO,CO2). 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 ora); 12,124 mg/kg (rabbit dermal)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Route of exposure.....	Eye contact. Skin contact. Inhalation. Skin absorption. Ingestion.	
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.....	Skin, conjunctiva and mucous membranes of upper respiratory tract may be irritated. Dermatitis and defatting of the skin. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.	
Eye contact.....	Contains materials that are moderately irritating to the eyes.	
Inhalation (acute).....	Vapors may cause respiratory tract irritation, nausea, headache, and dizziness.	
Ingestion.....	May be harmful if swallowed.	
Carcinogenicity of material.....	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.	
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.	

SECTION 12: ECOLOGICAL INFORMATION

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

PRODUCT: PF 205 RUBBER BASED ECONOMICAL SEAM SEALER (OFF WHITE)**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.

SECTION 14: TRANSPORT INFORMATION

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

DOT Classification (Road)..... UN1133 - ADHESIVES, containing a flammable liquid - Class 3 - PG II - Ltd Qty (1 Liter/0.26 Gallons). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.

IATA Classification (Air)..... UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations.

IMDG Classification (Marine)..... UN1133 - ADHESIVES - Class 3 - PG II EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.

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).

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..... Toluene. Xylene.

EPA hazardous air pollutants (HAPS) Ethylbenzene. Toluene. Xylene.

40CFR63

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

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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Date of the latest revision of the safety .. 2017-12-18

data sheet