



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

**PRODUCT: PF 213 FIRM-N-FLEX PREMIUM RUBBER BASED 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 213 FIRM-N-FLEX PREMIUM RUBBER BASED SEALER (OFF-WHITE)

Recommended use and restrictions on .. Adhesive applications. Seam sealer.  
use

Chemical family..... Hydrocarbons.

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

HMIS..... H: 2 F: 2 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 Corrosion/Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory system). Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2. Aquatic Chronic 3.

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H335 May cause respiratory 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. H412 Harmful to the aquatic life with long lasting effects.

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. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection.

Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. 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 . 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. P331 Do NOT induce vomiting. 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+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool. P405 Store locked up.

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

Other hazards..... None known.

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**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Toluene	108-88-3	15-40
<<The actual concentration(s) withheld as a trade secret>>		

**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. Obtain medical attention.
Skin contact.....	Wash using plenty of soap and water. Remove contaminated clothing. 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. If ingestion is suspected, contact physician or poison control center immediately.
Most important symptoms and effects, ..... whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. This product contains ingredients that are suspected of damaging fertility or the unborn child.
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 extinguishing media.....	Carbon dioxide, dry chemical, foam.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
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. Vapors may form explosive mixture in air. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Special protective equipment and ..... precautions for fire-fighters	Keep away from heat, sparks and flame. 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. Use water spray to cool containers.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Evacuate personnel to a safe area. Wear appropriate personal protection equipment. Vapors can form explosive mixture in air. Vapours can accumulate in low areas. Use non-sparking tools and equipment to pick up the spilled material. Remove all sources of ignition.
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	Dike area to contain the spill, prevent runoff from going into drains, absorb residual material with an inert absorbent, shovel or pump to a properly labelled container and dispose of as a hazardous waste. Wear proper personal protection equipment.

**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. This material is a static accumulator. 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. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Store at ambient temperatures.

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

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

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

Personal Protective Equipment	
Respiratory/type.....	Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Consult your personal protective equipment supplier for additional recommendations.
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.
Clothing/type.....	Wear impervious protective clothing. 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.....	Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.
Appropriate engineering controls.....	Local exhaust should be used to maintain levels below the exposure limits. Class I Group D approve devices.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state.....	Paste.
Colour.....	White.
Odour.....	Characteristic hydrocarbon solvent .
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	24. @ 20°C.
Vapour density (air=1).....	3.0.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	1.2.
Density.....	10.01 lbs.
Melting / Freezing point (deg C).....	-95°C (-139°F).
Solubility.....	Nil.
Initial boiling point / boiling range (deg C).....	108.9 - 110C (228 - 230F).
Evaporation rate.....	1.9. (n-Butyl Acetate = 1).
Flash point (deg C), method.....	4.4C (40F).
Auto ignition temperature (deg C).....	536C (997F).
Upper flammable limit (% vol).....	7.
Lower flammable limit (% vol).....	1.2.
Partition coefficient — n-octanol/water.....	No data.
% Volatile by volume.....	28.4.
VOC Content.....	404 g/L.
Viscosity.....	Not available.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	Non-reactive under normal conditions of use, storage or transport.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid, including static .....	Ignition sources. Incompatible with strong oxidizers. Vapours are heavier than air and may discharge, shock or vibration travel a considerable distance to an ignition source and flashback. Vapours may form explosive mixture with air.
Hazardous decomposition products.....	None known.

**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 )
Route of exposure.....	Skin contact. Inhalation.	
Effects of acute exposure.....	The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation. Can cause moderate skin irritation.	
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.	
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.	

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**SECTION 11: TOXICOLOGICAL INFORMATION**

Eye contact.....	Can cause redness, irritation, tissue destruction.
Ingestion.....	Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.
Carcinogenicity.....	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH.
Reproductive effects.....	Suspected of damaging fertility or the unborn child.
STOT-SE.....	May cause drowsiness or dizziness.
STOT-RE.....	May cause damage to the organs through prolonged or repeated exposure. .
Aspiration Hazard.....	May be fatal if swallowed and enters airways.

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental.....	Do not allow to enter waters, waste water or soil.
Persistence and degradability.....	Product data not available.
Bioaccumulative potential.....	Product data not available.
Mobility in soil.....	Product data not 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.
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**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.
DOT Classification (Road).....	UN1133 - ADHESIVES containing flammable liquid - Class 3 - Packing Group II - Ltd Qty (1 Liters/0.3 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 containing flammable liquid - Class 3 - Packing Group 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).
National Pollutant Release Inventory (NPRI).....	(CAS # 108-88-3 (CAT 1A &5)).
Environmental Emergency Regulations....	Toluene (CAS # 108-88-3) Part 1.
Categorization of the DSL.....	(CAS # 108-88-3).
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, fire hazard.
Section 313.....	Toluene.
EPA hazardous air pollutants (HAPS) .....	Toluene.
40CFR63	
California Proposition 65.....	*** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Toluene(D)). For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .

**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

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**SECTION 16: OTHER INFORMATION**

Disclaimer:..... 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 .. 2024-03-18  
data sheet