



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

PRODUCT: 18102 RUBBER BASED ECONOMICAL SEAM SEALER (BLACK)

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..... 18102 RUBBER BASED ECONOMICAL SEAM SEALER (BLACK)

Recommended use and restrictions on .. Coatings.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.

HMIS..... H: 2 F: 4 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 Corrosion/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 . P308 + P313 If exposed or concerned, get medical advice/attention. 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. P321 - For specific treatment see section 4 on this SDS.

Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up. P235 Keep cool.

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

Note This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Toluene	108-88-3	5-10

PRODUCT: 18102 RUBBER BASED ECONOMICAL SEAM SEALER (BLACK)**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 water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention.
Inhalation.....	Move to fresh air. If not breathing, give artificial respiration. Obtain immediate medical attention.
Ingestion.....	Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs.
Most important symptoms and effects, whether acute or delayed	Causes skin irritation. May cause respiratory irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.
Immediate medical attention and special treatment needed, if necessary	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.....	"Alcohol" foam, CO2, dry chemical.
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	Extremely flammable. Avoid heat, sparks and open flames. Hazardous combustion products may include but not limited to: Carbon oxides.
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 containers with water spray.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Wear appropriate personal protection equipment.
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	Ventilate. Eliminate all sources of ignition. Shovel or vacuum spilled material into container for disposal. Treat original container as hazardous due to any residual product still in container.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Ground handling equipment. Avoid breathing vapours. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle and open container with care. Employees should wash hands and face before eating or drinking. Handle in accordance with good industrial hygiene and safety practices.
Conditions for safe storage, including any incompatibilities	Store in a cool area, away from all sources of heat and ignition. Store away from oxidizing and reducing materials. Keep container closed when not in use. Store away from sunlight. Incompatible materials include, but not limited to: Strong oxidizers.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Toluene	20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
	CA ON: TWA: 20 ppm					
Appropriate engineering controls.....	Local exhaust should be used to maintain levels below the exposure limits.					
Personal Protective Equipment Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.					
Gloves/ type.....	Wear skin protection equipment. The selection of this equipment depends on the nature of the work to be done. Consult your personal protective equipment supplier for additional recommendations.					
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.					

PRODUCT: 18102 RUBBER BASED ECONOMICAL SEAM SEALER (BLACK)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Paste.

Colour..... Black.

Odour..... Aromatic odour.

Odour threshold (ppm)..... No data.

pH..... Not applicable.

Melting / Freezing point (deg C)..... Not available.

Initial boiling point / boiling range (deg C). 110°C.

Flash point (deg C), method..... 4 °C.

Lower flammable limit (% vol)..... 1.2.

Upper flammable limit (% vol)..... 7.

Evaporation rate..... 1.9. (butyl acetate = 1).

Flammability (solids and gases)..... Flammable liquid.

Vapour pressure (mm Hg)..... 24.

Vapour density (air=1)..... 3.2.

Relative Density (Specific Gravity)..... 0.18g/mL - 1.47 Lb's/U.S Gal.

Solubility..... Not soluble in water.

Partition coefficient — n-octanol/water..... Not available.

Auto ignition temperature (deg C)..... Not available.

Decomposition temperature..... Not available.

Viscosity..... 4000-5000 cps.

% Volatile by weight..... 7.

VOC Content..... 171g/Ltr. – 1.42Lb's/U.S Gal.

SECTION 10: STABILITY AND REACTIVITY

Reactivity Product is stable; hazardous polymerization will not occur.

Chemical stability..... Stable at normal temperatures and pressures.

Possibility of hazardous reactions..... Will not occur under normal temperature and pressure.

Conditions to avoid, including static Avoid heat, spark, open flames.

discharge, shock or vibration

Hazardous decomposition products..... Oxides of carbon (CO,CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal)
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Route of exposure..... Eye contact. Skin contact. Inhalation. Ingestion.

Skin corrosion/irritation..... Causes skin irritation.

Serious eye damage/eye irritation..... Not available.

Skin Sensitization..... Not available.

Respiratory Sensitization..... May cause irritation.

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..... Classification includes narcotic effects in a single exposure.

STOT-RE..... Certain components are known to cause respiratory damage.

Aspiration Hazard..... Not available.

SECTION 12: ECOLOGICAL INFORMATION

Bioaccumulative potential..... Product data not available.

Ecotoxicity..... Do not allow product to enter drains, sewers, bodies of water or soil.

Mobility in soil..... Not available.

Persistence and degradability..... Not available.

PRODUCT: 18102 RUBBER BASED ECONOMICAL SEAM SEALER (BLACK)**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).

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 None known.

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(D)).

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.

Review Date:..... 2022-11-30.

Date of the latest revision of the safety .. 2024-04-01

data sheet