



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

**PRODUCT: 11220 LONG STRAND REINFORCED BODY FILLER**

### 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..... 11220 LONG STRAND REINFORCED BODY FILLER

Recommended use and restrictions on .. Automotive.  
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 1.

HMIS..... H: 2\* F: 3 R: 1.

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 3. Acute Toxicity 4. Carcinogenicity — Category 2. Aspiration Toxicity 1. Specific Target Organ Toxicity — Repeated Exposure — Category 1.

Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H332 Harmful if inhaled. H351 This product contains ingredients that are suspected of causing cancer. H372 Causes damage to the liver and kidneys through prolonged or repeated exposure.

Prevention..... 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. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area. P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P264 Wash thoroughly after handling. P260 Do not breathe mist, vapours, or spray. P270 Do not eat drink or smoke while using this product.

Response ..... P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. 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. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting.

Storage..... P403 + P235 Store in well ventilated area. Keep cool. 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. %
Styrene	100-42-5	10-30
Talc	14807-96-6	10-20

**PRODUCT: 11220 LONG STRAND REINFORCED BODY FILLER****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.....	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. 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.....	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. Never give anything by mouth to an unconscious person.
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	"Alcohol" foam, CO2, dry chemical.
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	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.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. 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. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).
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**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.
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.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established
Personal protective equipment					
Eye/type.....	Liquid chemical goggles.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear adequate protective clothes.				
Footwear/type.....	Safety boots per local regulations.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
Other/type.....	Emergency showers and eye wash stations should be available.				
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				

**PRODUCT: 11220 LONG STRAND REINFORCED BODY FILLER****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Appropriate engineering controls..... contamination, such as open process equipment, or during purging operations, to capture 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. .

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state..... Paste.  
 Colour..... Reddish brown.  
 Odour..... Hydrocarbon odour.  
 Odour threshold (ppm)..... 0.15-25 ppm (Styrene).  
 pH..... Not applicable.  
 Melting / Freezing point (deg C)..... Not Available.  
 Initial boiling point / boiling range (deg C). 145°C.  
 Flash point (deg C), method..... 32°C Closed Cup. (Tag Closed Cup).  
 Evaporation rate..... Not available.  
 Upper flammable limit (% vol)..... 6.8.  
 Lower flammable limit (% vol)..... 0.9.  
 Vapour density (air=1)..... No data.  
 Vapour pressure (mm Hg)..... Not available.  
 Relative Density (Specific Gravity)..... 1.458 - 12.15 lb/USG.  
 Solubility..... Slightly soluble in water.  
 Coefficient of water/oil distribution..... Not available.  
 Auto ignition temperature (deg C)..... 490°C.  
 VOC..... 0.5 lb/USG.  
 Decomposition temperature..... Not available.  
 Viscosity..... >1 million Spindle F @ 10 rpm.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity ..... Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.  
 Chemical stability..... Stable at normal temperatures and pressures.  
 Possibility of hazardous reactions..... Will not occur under normal temperature and pressure. Dangerous reactions possible on contact with incompatible substances. Temperatures over 66 c.  
 Conditions to avoid, including static ..... Keep away from heat. Incompatible with strong oxidizers.  
 discharge, shock or vibration  
 Incompatible materials..... Strong oxidizing agents, acids, bases. Metal salts.  
 Hazardous decomposition products..... Oxides of carbon (CO,CO2). Hydrocarbons.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Styrene	2770 ppm 4 hr rat	5000 mg/kg rat oral
Talc	Not available	Not available
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	May be irritating to the eyes and skin. Aspiration of the material can cause lung damage. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. If ingested, this product may be absorbed and result in gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause central nervous system effects such as headache, nausea, vomiting and weakness. Talc can be absorbed into the lungs and the digestive tract, and adversely affect lung function.	
Effects of chronic exposure.....	May cause damage to the respiratory system, lungs, eyes, skin and central nervous system. Repeated contact with the skin may cause dermatitis in sensitive individuals. Repeated or prolonged inhalation of dusts may have a dehydrating effect on the mucous membranes. Repeated or prolonged inhalation may cause chronic pulmonary effects. Possible damage to liver and kidneys.	
Carcinogenicity of material.....	IARC has listed Styrene as a group 2B carcinogen .	
Mutagenicity.....	Styrene has induced mutagenic effects in several in vitro assay systems.	

**SECTION 12: ECOLOGICAL INFORMATION**

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

**PRODUCT: 11220 LONG STRAND REINFORCED BODY FILLER****SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging

Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. 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.

**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - This product meets the criteria for Limited Quantity Exemptions when packaged in containers less than 5 litres .
IATA Classification (Air).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III.
IMDG Classification (Marine).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D.
Marine Pollutant.....	No.

**SECTION 15: REGULATORY INFORMATION**

WHMIS 1988 classification.....	B2, D2A.
CEPA status.....	On Domestic Substances List (DSL).
Section 313.....	Styrene.
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.
EPA hazardous air pollutants (HAPS) ..... 40CFR63	Styrene.
TSCA inventory status.....	All components are listed.
California Proposition 65.....	California EPA's Office of Environmental Health Hazard Assessment (OEHHA) has withdrawn Styrene as a potential addition to the list of substances known to the state to cause cancer (March 1, 2013).

**SECTION 16: OTHER INFORMATION**

Prepared by: .....	REGULATORY AFFAIRS. Trivalent Data Systems Ltd. <a href="http://www.trivalent.com">www.trivalent.com</a> .
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