

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

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

#### **SECTION 01: IDENTIFICATION**

Initial supplier identifier..... Pro Form Products Ltd. 604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189

11220 LONG STRAND REINFORCED BODY FILLER Product identifier.....

Recommended use and restrictions on ..

Automotive.

Chemical family..... NFPA rating....

Mixture. Health: 2 Fire: 3 Reactivity: 1.

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

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 \*\*. 24 hour emergency number:....

# **SECTION 02: HAZARD IDENTIFICATION**



Signal WordHazard Classification	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
Prevention	repeated exposure. 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
Response	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.  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	
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	

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

# **SECTION 04: FIRST-AID MEASURES**

Eye contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
Skin contact	least 15 minutes. Obtain medical attention.  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
Inhalation	irritation persists, seek medical attention.  If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is
Ingestion	difficult, give oxygen, obtain medical attention.  If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent
Additional information	aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. 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 Specific hazards arising from the .....

"Alcohol" foam, CO2, dry chemical.

hazardous product, such as the nature of any hazardous combustion products Special protective equipment and ...... precautions for fire-fighters

Oxides of carbon (CO, CO2).

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%).

#### **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 ACGII	HTLV STEL	OSH <i>A</i> PEL	NPEL STEL	NIOSH REL
Styrene	20 ppm CA ON: 35ppm (TWA	40 ppm	100 ppm	Not established	100 ppm
Talc	2 mg/m3 CA ON: 2mg/kg (TW	Not established	2 mg/m3 TWA	Not established	Not established
Danas and Dresta ethics Fee					

Personal Protective Equipment

Eye/type.....Gloves/ type..... Liquid chemical goggles. Chemical resistant gloves. Wear adequate protective clothes. Clothing/type..... Safety boots per local regulations. Footwear/type.....

Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator Respiratory/type..... when contaminant levels exceed the recommended exposure limits.

Other/type..... Emergency showers and eye wash stations should be available.

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# SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

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 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**

Paste. Appearance/Physical state..... Colour..... Reddish brown. Odour..... Hydrocarbon odour. Odour threshold (ppm)..... 0.15-25 ppm (Styrene). Not applicable. Not available. 145°C 32°C Closed Cup. (Tag Closed Cup). Evaporation rate..... Not available. Upper flammable limit (% vol)......Lower flammable limit (% vol)..... 6.8. 0.9. Vapour density (air=1)..... No data. Vapour pressure (mm Hg)..... Not available. 1.458 - 12.15 lb/USG. Relative Density (Specific Gravity)..... Solubility.....Partition coefficient — n-octanol/water..... Slightly soluble in water. Not available. Auto ignition temperature (deg C)..... 490°C. VOC (less water)..... 0.5 lb/USG. Decomposition temperature..... Not available. Viscosity..... >1 million Spindle F @ 10 rpm.

# **SECTION 10: STABILITY AND REACTIVITY**

Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong Reactivity ..... 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. Keep away from heat. Incompatible with strong oxidizers.

Conditions to avoid, including static .......

discharge, shock or vibration Incompatible materails..... Strong oxidizing agents, acids, bases. Metal salts.

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

## SECTION 11: TOXICOLOGICAL INFORMATION

**INGREDIENTS** LC50 LD50 2770 ppm 4 hr rat 5000 mg/kg rat oral Styrene Not available Talc Not available Eye contact. Skin contact. Inhalation. Route of exposure..... May be irritating to the eyes and skin. Aspiration of the material can cause lung damage. Effects of acute exposure..... 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. 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. Effects of chronic exposure..... 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. IARC has listed Styrene as a group 2B carcinogen . Carcinogenicity of material..... Styrene has induced mutagenic effects in several in vitro assay systems. Mutagenicity.....

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# **SECTION 12: ECOLOGICAL INFORMATION**

# **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**

#### **SECTION 15: REGULATORY INFORMATION**

OSHA.......under the OSHA Hazard Communication Standard.

SARA Title III
Section 302 - extremely hazardous ....... None.

substances

Section 311/312 - hazard categories...... EPA hazardous air pollutants (HAPS) .....

EPA hazardous air pollutants (HAPS) .. 40CFR63

TSCA inventory status.....

California Proposition 65.....

Immediate health, delayed health, fire hazard. Styrene.

- ',

All components are listed. 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**

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.

2021-11-08

Review Date: 2021-11-Date of the latest revision of the safety 2017-04-

data sheet



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

#### PRODUCT: **BLUE CREAM HARDENER**

#### **SECTION 01: IDENTIFICATION**

Initial supplier identifier..... Pro Form Products Ltd. 604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189

**BLUE CREAM HARDENER** Accelerator and activator.

Product identifier..... Recommended use and restrictions on ... Chemical family.....

Health: 2 Fire: 1 Reactivity: 1.

NFPA rating..... HMIS..... H: 2 F: 1 R: 1.

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 \*\*. 24 hour emergency number:.....

## SECTION 02: HAZARD IDENTIFICATION



Signal Word..... WARNING. Hazard Classification..... Organic Peroxides — Type E. Skin Sensitizer — Category 1. Eye Irritation — Category H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes Hazard Description..... serious eve irritation. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P234 Keep only in original packaging. P235 Keep cool. P240 Ground and bond container and Prevention..... receiving equipment. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection.
P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P305 + Response ..... P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS P403 Store in a well ventilated area. P410 Protect from sunlight. P411 Store at temperatures not exceeding 38°C / 100°F. P420 Store separately. Storage..... P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal..... This product mixture has been classified based on its ingredients. Note .....

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Benzoyl peroxide C9-11-branched alkyl benzoate	94-36-0 131298-44-7	50-55 15-20	

# **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.

Immediately remove all contaminated clothing, flush skin with water for at least 15 minutes. Wash clothing before reuse. If irritation persists, seek medical attention. Wash skin with soap and water.



# PRODUCT: BLUE CREAM HARDENER

# **SECTION 04: FIRST-AID MEASURES**

Can cause skin sensitization. Causes serious eye irritation.

Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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

"Alcohol" foam, CO2, dry chemical. Do not use water in a jet.

Specific hazards arising from the ......hazardous product, such as the nature of any hazardous combustion products
Special protective equipment and .....precautions for fire-fighters

Thermal decomposition products are toxic. May include:. Oxides of carbon (CO, CO2). Emits toxic fumes under fire conditions.

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.

Unusual fire / explosion hazards.....

Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source. This material is an oxidizer and may increase the intensity of any fire and the possibility of an explosion.

#### **SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....

Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Recover spilled material and place in suitable containers for recycling or disposal. Avoid solvent cleaners. 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.....

Keep away from heat, sparks, and open flame. Do not breathe vapours, mist or dust. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle in accordance with good industrial hygiene and safety practices. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. 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 strong oxidizers. Store away from acids.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
Benzoyl peroxide	5 mg/m3	Not Established	5 mg/m3	Not Established	5 mg/m3 TWA
C9-11-branched alkyl benzoate	No data				
Respiratory/type Eye/type Gloves/ type Clothing/type		when contaminant leve Liquid chemical goggles Chemical resistant glov Wear adequate protecti	Is exceed the reco s. es. ive clothes.	d. Wear an appropriate, pro ommended exposure limits.	perly fitted respirator
Footwear/type Safety boots p				ns should be available.	
Appropriate engineering controls Provide natuexposure lim			hanical ventilation nechanical exhaus	n to control exposure levels st ventilation should be used	below airborne d at sources of air

#### PRODUCT: BLUE CREAM HARDENER

# SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls.....

Appearance/Physical state

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 quidance about adequate ventilation.

#### SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Dacta / colid

ColourOdour	Blue/white.
Odour threshold (ppm)	Not available.
pH Melting / Freezing point (deg C)	No data. No data.
Initial boiling point / boiling range (deg C).	No data.
Flash point (deg C), method	94.
Evaporation rateFlammability (solids and gases)	No data.
Upper flammable limit (% vol)	Not applicable. No data.
Lower flammable limit (% vol)	No data.
Vapour pressure (mm Hg)	No data.
Vapour density (air=1) Relative Density (Specific Gravity)	No data. 1.2.
Pounds / USG	10.
Solubility	No data.
Partition coefficient — n-octanol/water	Not available.
Auto ignition temperature (deg C)  Decomposition temperature	Not available. Not available.
Viscosity	Not available.
VOC (less water)	2.3 lbs/USG.

# **SECTION 10: STABILITY AND REACTIVITY**

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

Reactivity ..... Hazardous polymerization will not occur. Avoid heat, sparks and flames.

Possibility of hazardous reactions..... Hazardous polymerization will not occur.

Conditions to avoid, including static .......

discharge, shock or vibration Incompatible materails.....

Hazardous decomposition products.....

Avoid heat, spark, open flames. Strong oxidizing agents. Acids.

No hazardous decomposition products when stored and handled correctly. See

hazardous combustion products section 5.

# SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS LC50 LD50

Benzoyl peroxide >24.3 mg/L (4 hr., vapour) 7710 mg/kg (Rat, Oral)

Not available C9-11-branched alkyl benzoate Not available

Route of exposure..... Eye contact. Skin contact. Ingestion. Inhalation.

Effects of acute exposure..... Causes serious eye irritation. Contact with paste may result in irritation, redness, tearing,

and blurred vision. May cause sensitization by skin contact. May cause skin irritation. Effects of chronic exposure..... Prolonged or repeated skin contact may cause drying or cracking of skin.

Carcinogenicity of material..... This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

Reproductive effects..... No data

May cause sensitization by skin contact. Sensitizing capability of material.....

## **SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Do not allow to enter waters, waste water or soil. This material meets the definition of a

marine pollutant.

Other adverse effects Persistence and degradability..... Not available.

# **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. 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.



## PRODUCT: BLUE CREAM HARDENER

#### **SECTION 14: TRANSPORT INFORMATION**

TDG Classification..... UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. The product meets the Limited Quantity exemption when packaged in containers less than 0.5 kg. UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. DOT Classification (Road)..... Limited quantity: 0.5 kg (solids). UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Do IATA Classification (Air)..... not ship by air without checking appropriate IATA regulations.
UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. IMDG Classification (Marine)..... EmS-No: F-J, S-R. Check IMDG regulations for limited quantity exemptions. Marine Pollutant..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July Proof of Classification..... 2, 2014) - we certify that classification of this product is correct. .

### **SECTION 15: REGULATORY INFORMATION**

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

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......

Fire hazard. Reactive. Section 313..... Benzoyl peroxide. None.

EPA hazardous air pollutants (HAPS) ......

40CFR63

California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov.

## **SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.

Telephone number..... Disclaimer:.....

(800) 387-7981.
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 ... 2019-10-31

data sheet