



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

PRODUCT: PF 153 BODY FILLER ADDITIVE

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 153 BODY FILLER ADDITIVE

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. Aspiration Toxicity 1. Skin Irritation — Category 2. Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 4. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 1. Carcinogenicity — Category 2.

Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H351 This product contains ingredients that are suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child. H372 Causes 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. P270 Do not eat drink or smoke while using this product. 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 . P305 + 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. 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. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.

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

PRODUCT: PF 153 BODY FILLER ADDITIVE**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Styrene	100-42-5	30-40
N,N-Dimethylaniline	121-69-7	<1

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. Wash clothing before reuse.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	In the event of accidental ingestion, rinse mouth with water; obtain medical advice immediately. Do not induce vomiting. 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.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation.
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, CO ₂ , dry chemical. Water fog. 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, CO ₂). Sulfur Oxides. Halogenated compounds. Metal 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. 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. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	No action shall be taken involving any personal risk or without suitable training. Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Use explosion-proof or hand pumps and non-sparking tools and equipment. Absorb with an inert dry material and place in an appropriate waste container. 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.
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SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Use non sparking tools. 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. Store away from oxidizing and reducing materials. Keep container closed when not in use. Store away from sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Styrene	20 ppm CA ON: 35ppm (TWA), 100ppm (STEL)	40 ppm	100 ppm	Not established	100 ppm	
N,N-Dimethylaniline	Not established	10 ppm	5 ppm	10 ppm	Not established	

PRODUCT: PF 153 BODY FILLER ADDITIVE**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
	2 ppm					
Personal Protective Equipment	Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.					
Gloves/ type.....	Chemical resistant gloves.					
Clothing/type.....	Wear adequate protective clothes.					
Footwear/type.....	Safety boots per local regulations.					
Other/type.....	Emergency showers and eye wash stations should be available.					
Appropriate engineering controls.....	Explosion-proof exhaust ventilation. 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

Appearance/Physical state.....	Liquid.
Colour.....	Amber.
Odour.....	Aromatic.
Odour threshold (ppm).....	0.01 - 0.1 (Styrene).
Vapour pressure (mm Hg).....	5 mm hg. @ 20°C.
Vapour density (air=1).....	3.6.
Relative Density (Specific Gravity).....	9.18 lb/USG - 1.10.
pH.....	Not applicable.
Melting / Freezing point (deg C).....	-30°C.
Initial boiling point / boiling range (deg C).....	145°C.
Solubility.....	Slightly soluble in water.
Evaporation rate.....	<1.
Flash point (deg C), method.....	31°C (87.8°F).
Auto ignition temperature (deg C).....	490°C.
Upper flammable limit (% vol).....	6.1.
Lower flammable limit (% vol).....	1.1.
Partition coefficient — n-octanol/water.....	Not available.
VOC (less water).....	1.1 lb/USG. (solids).
Viscosity.....	1400 cPs Brookfield @ 20 rpm.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Avoid heat, sparks and flames.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
Conditions to avoid, including static discharge, shock or vibration	Ignition sources. Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	See hazardous combustion products section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Styrene	2770 ppm 4 hr rat	5000 mg/kg rat oral
N,N-Dimethylaniline	No data	1,410 mg/kg rat oral 1,770 mg/kg rabbit dermal
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Causes serious eye irritation. Hazardous in contact with skin, by ingestion, and by inhalation. Inhalation of vapours causes irritation to the nose, throat and respiratory tract. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. Aspiration of the material can cause lung damage.	
Effects of chronic exposure.....	Overexposure to vapour may cause central nervous system depression. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Long term exposure to styrene (25-35 ppm 8 hr. TWA) - possible mild hearing loss.	

PRODUCT: PF 153 BODY FILLER ADDITIVE**SECTION 11: TOXICOLOGICAL INFORMATION**

Carcinogenicity of material..... IARC has listed Styrene as a group 2B carcinogen . N,N-dimethyl-p-toluidine is known by the State of California to cause cancer. IARC 3.
Sensitizing capability of material..... May cause sensitization by skin contact.

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Styrene: EC50 4.7 mg/L 48 hr. (Daphnia magna), LC50 4.02 mg/L 96 hr. (Pimephales promelas). Do not allow to enter waters, waste water or soil.
Persistence and degradability..... Readily biodegradable.
Bioaccumulative potential..... Low.
Mobility in soil..... 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. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1866 - Resin Solution, Flammable - Class 3 - Packing Group III - Limited Quantity Index 5 Litres .
DOT Classification (Road)..... UN1866 - RESIN SOLUTION, flammable - Class 3 - Packing Group III. Limited quantity: 5L.
IATA Classification (Air)..... UN1866 - Resin Solution, Flammable - Class 3 - Packing Group III - Follow packing instructions Y344 for limited quantity passenger aircraft and 355 or 366.
IMDG Classification (Marine)..... UN1866 - Resin Solution, Flammable - Class 3 - Packing Group III - EmS: F-E S-D.
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..... Styrene.
EPA hazardous air pollutants (HAPS) Styrene. N,N-Dimethylaniline.
40CFR63
California Proposition 65..... *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.
Review Date:..... 2022-11-30.
Date of the latest revision of the safety data sheet .. 2018-01-02