



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

PRODUCT: 18310 FIX STEEL EPOXY

SECTION 01: Chemical product and company identification

Manufactured for..... Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario L9T3Y5
Tel (905) 878-4990 Fax (905) 878-1189

Product name..... 18310 FIX STEEL EPOXY

Recommended use and restrictions on .. Adhesive applications. Sealer.
use

Chemical family..... Epoxy resin.

NFPA rating..... Health: 2 Fire: 1 Reactivity: 0.

HMIS..... H: 2 F: 1 R: 0.

24 hour emergency number:..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES
CALL CHEMTREC 1-800-424-9300. .

SECTION 02: Hazards identification



Signal Word..... DANGER.

Hazard Classification..... Skin Irritant 2. Skin Sensitizer 1. Eye Irritation — Category 2B. Carcinogenicity — Category 1.

Hazard Description..... H315 Causes skin irritation. H317 May cause an allergic skin reaction. H320 Causes eye irritation. H350 This product contains ingredients that may cause cancer.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. 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.

Response 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. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P308 + P313 If exposed or concerned, get medical advice/attention.

Storage..... P405 Store locked up.

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

HAZARDOUS INGREDIENTS	CAS #	WT. %
Bisphenol A - Epoxy Resin	25068-38-6	10-30
Crystalline Silica	14808-60-7	0.1-1

<<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..... 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.

PRODUCT: 18310 FIX STEEL EPOXY**SECTION 04: First aid measures**

Ingestion.....	Rinse mouth with water. Give 1 to 2 glasses of water to drink. 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.
Most important symptoms and effects, whether acute or delayed	Can cause skin sensitization. Causes skin irritation. Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. This product contains ingredients that may cause cancer.
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	Use extinguishing media that is applicable to surrounding fire.
Hazardous combustion products.....	Oxides of carbon (CO, CO ₂). Sulfur Oxides. Halogenated compounds. Metal oxides.
Special fire fighting procedures.....	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes.

SECTION 06: Accidental release measures

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Remove mechanically by method which minimizes generation of airborne dust (ie. Vacuum). 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

Handling procedures.....	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.
Storage needs.....	Keep away from heat, sparks, and open flames. Store in a cool and dry place, for product integrity. Store away from sunlight. Keep container closed when not in use. Do not store above 35 deg c.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Bisphenol A - Epoxy Resin	Not established	Not established	Not established	Not established	Not established	Not established
Crystalline Silica	0.025 mg/m ³	Not established	0.1 mg/m ³ TWA	Not established	0.05 mg/m ³	
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type.....	Liquid chemical goggles.					
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. Employees should wash their hands and face before eating, drinking, or using tobacco products.					
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

Physical state.....	Solid.
Colour.....	Dark grey. Black.
Odour.....	Sulfur compounds. Pungent odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	2.247.

PRODUCT: 18310 FIX STEEL EPOXY**SECTION 09: Physical and chemical properties**

Melting / Freezing point (deg C).....	Not applicable.
Solubility.....	Soluble in methanol and acetone. Insoluble in water.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not applicable.
Flash point (deg C), method.....	>93.3°C Setflash (>199.94°F). Does not support combustion.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	Not applicable.
Lower flammable limit (% vol).....	No Data.
Coefficient of water/oil distribution.....	Not available.
% Volatile by volume.....	0.
VOC.....	0.
Decomposition temperature.....	>220°C (>428°F).
Viscosity.....	Not Applicable.

SECTION 10: Stability and reactivity

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Hazardous polymerization will not occur.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid.....	None known.
Hazardous decomposition products.....	By fire: Dense black smoke. Oxides of carbon (CO,CO2).

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
Bisphenol A - Epoxy Resin	Not Available	>2,000 mg/kg rat oral. 500-2000 mg/kg mouse oral.
Crystalline Silica	Not available	>22,500 mg/kg oral rat
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Can be irritating to eyes and skin. May cause sensitization by skin contact. Excessive vapours may cause nasal and respiratory tract irritation.	
Effects of chronic exposure.....	A substance in this product may cause skin sensitization after prolonged or repeated contact.	
Carcinogenicity of material.....	Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. .	
Reproductive effects.....	None known.	
Sensitizing capability of material.....	May cause sensitization by skin contact.	

SECTION 12: Ecological information

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

SECTION 13: Disposal considerations

Waste disposal.....	Empty containers must be handled with care due to product residue. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
---------------------	--

SECTION 14: Transport information

TDG Classification.....	Not regulated.
DOT Classification (Road).....	Not regulated.
IATA Classification (Air).....	Not regulated.
IMDG Classification (Marine).....	Not regulated.
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.....	Not determined.
TSCA inventory status.....	All components are either listed or exempt from the TSCA. .
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.

PRODUCT: 18310 FIX STEEL EPOXY

SECTION 15: Regulatory information

Section 313..... None.
 EPA hazardous air pollutants (HAPS) None.
 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 cancer . (Talc, not containing asbestiform fibers). (Carbon black). (Crystalline silica). 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:..... (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.

Preparation date: MAY 22/2018