



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

PRODUCT: 13152 EPOXY PRIMER/ SEALER 2K GRAY
SECTION 01: Chemical product and company identification

Product name.....	13152 EPOXY PRIMER/ SEALER 2K GRAY	
Manufactured for.....	Pro Form Products Ltd. 604 McGeachie Drive Milton, Ontario L9T3Y5	NZ Distributor:
24 hour emergency number.....	Tel (905) 878-4990 Fax (905) 878-1 IN CANADA CALL CANUTEC (613) CHEMTREC (800) 424-9300.	Wyatt Machine Tools (Rupes) NZ Ltd 388 Church St, Penrose, AKL,1061
Material use.....	Paints. This product should not be u described in this section.	P: (09)525-1000 F:(09)525-1009
Chemical family.....	Mixture.	NZ Emergency: 0800 992 881
Preparation date.....	December 11, 2014.	0800WYATT1
Hazard rate		
NFPA rating.....	Health: 3 Fire: 3 Reactivity: 0.	
HMIS.....	H: 3 F: 3 R: 0.	

SECTION 02: Hazards identification


Signal Word.....	DANGER.
Hazard Classification.....	Flammable Liquid 2, Skin Irritant 2, Skin Sensitizer 1, Eye Damage 1, Eye Irritant 2, STOT SE 3, Carcinogen 2.
Hazard Description.....	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are suspected of causing cancer.
Precautionary Statements.....	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. P261 Avoid breathing mists, vapours and sprays. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection.
Response	P302 + P352 - If on skin: wash with plenty of water. . P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. 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. P308 + P313 If exposed or concerned, get medical advice/attention. P310 - Immediately call your local poison control centre. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - Consult with a doctor or poison control centre if skin is itchy or a skin rash develops or you feel unwell. P332 + P313 - If skin irritation occurs get medical attention or advice. P333 + P313 If skin irritation or rash occurs, medical advice/attention. P337 + P313 - If eye irritation persists get medical attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or 6% foam.
Storage.....	P403 + P235 Store in well ventilated area. Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.
Disposal.....	P501 Dispose all unused, waste or empty containers in accordance with local regulations.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
METHYL ETHYL KETONE	78-93-3	15-40
TALC	14807-96-6	10-30

PRODUCT: 13152 EPOXY PRIMER/ SEALER 2K GRAY**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	10-30
DGEBPA BASED POLYMER	25036-25-3	10-30
TITANIUM DIOXIDE	13463-67-7	5-10
XYLENE	1330-20-7	3-7
BUTYL ALCOHOL	71-36-3	1-5
SOLVENT NAPHTHA, LIGHT AROMATICS	64742-95-6	1-5
1,2,4-TRIMETHYLBENZENE	95-63-6	0.1-1.0
1,3,5-TRIMETHYLBENZENE	108-67-8	0.1-1.0
ETHYLBENZENE	100-41-4	0.1-1.0
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	108-65-6	0.1-1.0

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

Extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical. In cases of larger fires, water spray should be used.
Hazardous combustion products.....	Oxides of carbon (CO, CO ₂). Oxides of nitrogen.
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. 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.....	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

Handling procedures.....	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.
Storage needs.....	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	NIOSH REL
METHYL ETHYL KETONE	200 ppm	300 ppm	200 ppm	Not established	200 ppm / 300 ppm 15 minutes

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SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
TALC	2 mg/m3	No data	2 mg/m3	No data	2 mg/m3
DIETHYLENE GLYCOL MONOBUTYL ETHER	Not established	Not established	Not established	Not established	Not established
	NOT AVAILABLE				
DGEBPA BASED POLYMER	Not established	Not established	Not established	Not established	Not established
TITANIUM DIOXIDE	10 mg/m3	Not established	15 mg/m3	Not established	Not established
XYLENE	100 ppm	150 ppm	100 ppm	Not established	Not established
BUTYL ALCOHOL	20 ppm	Not established	100 ppm	Not established	50 ppm skin
	No data				
SOLVENT NAPHTHA, LIGHT AROMATICS	Not established	Not established	Not established	Not established	Not established
1,2,4-TRIMETHYLBENZE NE	25 ppm	Not established	Not established	Not established	25 ppm
	No data				
1,3,5-TRIMETHYLBENZE NE	Not established	Not established	Not established	Not established	25 ppm
	No data				
ETHYLBENZENE	100 ppm	125 ppm	100 ppm	No data	100 ppm / STEL 125 ppm
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	Not established	Not established	Not established	Not established	Not established
Protective equipment					
Eye/type.....	Liquid chemical goggles.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
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.				
Ventilation requirements.....	Local exhaust at points of emission.				
Exposure limits					

SECTION 09: Physical and chemical properties

Physical state.....	Liquid.
Colour.....	Grey.
Odour.....	Solvent odour.
Odour threshold (ppm).....	No data.
Vapour pressure (mm Hg).....	No data.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Specific gravity.....	10.13 lb/usg - 1.21 g/mL.
Freezing point (deg C).....	No data.
Solubility.....	Insoluble.
Boiling point (deg C).....	>80°C .
Evaporation rate.....	No data.
Flash point (deg C), method.....	- 4°C closed cup.
Auto ignition temperature (deg C).....	> 210°C.
Upper flammable limit (% vol).....	11.5.
Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	No data.
VOC.....	4.7 lb/usg - 563.18 g/L.
Viscosity.....	1700 cps Spindle #4.

SECTION 10: Stability and reactivity

Stability.....	Stable at normal temperatures and pressures.
Reactivity conditions.....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Incompatibility.....	Keep away from heat. Incompatible with strong oxidizers.

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Hazardous products of decomposition..... By fire: Dense black smoke. Oxides of nitrogen, Oxides of carbon (CO,CO2).
 Hazardous polymerization..... Hazardous polymerization will not occur.

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
METHYL ETHYL KETONE	>5,000 ppm 6 hours rat	3,400 mg/kg rat oral
TALC	No data	No data
DIETHYLENE GLYCOL MONOBUTYL ETHER	Not available	ORL-GPG 2000 mg/kg
DGEBPA BASED POLYMER	No data	No data
TITANIUM DIOXIDE	No data	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
XYLENE	6350 ppm 4 hours rat	>3523 mg/kg rat oral
BUTYL ALCOHOL	8,000 ppm 4 hours	790 mg/kg rat oral 3,400 mg/kg rabbit dermal
SOLVENT NAPHTHA, LIGHT AROMATICS	5.2 mg/L 4 hours rat	>5,000 mg/kg rat oral >3,160 mg/kg rabbit dermal
1,2,4-TRIMETHYLBENZENE	>2,000 ppm 48 hours rat	3,280 mg/kg rat oral
1,3,5-TRIMETHYLBENZENE	No data	No data
ETHYLBENZENE	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	No data	8,532 mg/kg rat oral >5,000 mg/kg rabbit dermal

Route of entry Eye contact. Skin contact. Inhalation.
 Effects of chronic exposure..... Prolonged or repeated exposure may lead to allergic skin reactions. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Possible damage to liver and kidneys.
 Skin contact..... Can cause moderate irritation, defatting and dermatitis. May cause sensitization by skin contact.
 Skin absorption..... May be harmful if absorbed through the skin.
 Eye contact..... Can cause redness, irritation, tissue destruction.
 Inhalation (acute)..... Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness.
 Inhalation (chronic)..... Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties.
 Ingestion..... May be harmful or fatal if swallowed. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
 Carcinogenicity of material..... Titanium dioxide is known to the state of California to cause cancer and developmental effects. Ethylbenzene is known to the state of California to cause cancer and developmental effects.
 Reproductive effects..... None.

SECTION 12: Ecological information

Environmental..... Do not allow to enter waters, waste water or soil.
 Biodegradability..... No data.

SECTION 13: Disposal considerations

Waste disposal..... This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

SECTION 14: Transport information

TDG Classification..... UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity exemption when shipped in containers less than 5 litres.
 DOT Classification (Road)..... UN1263 - PAINT - Class 3 - Packing Group II - Ltd Qty (5 Liters/1.3 Gallons).
 IATA Classification (Air)..... UN1263 - PAINT - Class 3 - Packing Group II.
 IMDG Classification (Marine)..... UN1263 - Paint - Class 3 - Packing Group II - EmS: F-E S-E.

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Marine Pollutant..... Potential marine pollutant.
 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

WHMIS classification..... B2, D2A, D2B.
 CEPA status..... On Domestic Substances List (DSL).
 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..... Butyl alcohol, Xylene, 1,2,4-Trimethylbenzene, Ethylbenzene.
 EPA hazardous air pollutants (HAPS) Xylene.
 40CFR63
 TSCA inventory status..... All components are listed.
 California Proposition 65..... This product contains Ethylbenzene that is known to the State of California to cause cancer. Titanium dioxide is known to the State of California to cause cancer.

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.
 Preparation date: DEC11/14