



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

**PRODUCT: 21230 OIL BASED RUSTPROOFING (AMBER) 55 U.S. GALLONS**

### 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..... 21230 OIL BASED RUSTPROOFING (AMBER) 55 U.S. GALLONS

Recommended use and restrictions on use .. Rust proofing. This product should not be used for any other purpose other than the ones described in this section.

Chemical family..... Mixture.

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

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

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..... Aspiration Toxicity 1. Carcinogenicity — Category 2.

Hazard Description..... H304 May be fatal if swallowed and enters airways. H351 This product contains ingredients that are suspected of causing cancer.

Prevention..... P280 Wear protective gloves and eye protection. P202 Do not handle this product until all safety instructions have been read and understood. P201 Obtain special instructions before use.

Response ..... 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.

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

| CHEMICAL NAME AND SYNONYMS                                | CAS #      | WT. % |
|---|------------|-------|
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | 30-50 |
| Distillates (petroleum), hydrotreated heavy paraffinic    | 64742-54-7 | 30-50 |
| Residual oils (petroleum), solvent-refined                | 64742-01-4 | 20-30 |
| Propylene carbonate                                       | 108-32-7   | 1-5   |
| Carbon Black  | 1333-86-4  | 1-5   |

### 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. Consult a physician if irritation continues.

Skin contact..... Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. 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: 21230 OIL BASED RUSTPROOFING (AMBER) 55 U.S. GALLONS****SECTION 04: FIRST-AID MEASURES**

|   |  |
|---|--|
| Ingestion.....  | The main hazard from ingestion is aspiration of the liquid into the lungs. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical assistance as soon as possible. |
| Most important symptoms and effects, ..... whether acute or delayed | May cause eye irritation. May cause slight eye irritation. This product contains ingredients that may cause cancer.  |
| Additional information.....   | The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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 <sub>2</sub> , 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 | Oxides of carbon (CO, CO <sub>2</sub> ). Other products of incomplete combustion.  |
| 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. |

**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. Wear recommended protective equipment. Stop leak if safe to do so. Contain the spill. 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. |
|-----------------|--|

**SECTION 07: HANDLING AND STORAGE**

|  |  |
|--|--|
| Precautions for safe handling.....                           | Keep away from heat, sparks, and open flame. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. 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. |
| 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. (min/max): 10/45 C.   |

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

| INGREDIENTS   | TWA  | ACGIH TLV<br>STEL | PEL                        | OSHA PEL<br>STEL | REL NIOSH                   |
|---|--|-------------------|----------------------------|------------------|-----------------------------|
| Distillates (petroleum), solvent-refined heavy paraffinic | 5 mg/m <sup>3</sup> (8 hr)                 | Not established   | 5 mg/m <sup>3</sup> (8 hr) | Not established  | Not established             |
| Distillates (petroleum), hydrotreated heavy paraffinic    | 5 mg/m <sup>3</sup>                        |                   | 5 mg/m <sup>3</sup>        |                  | 10 mg/m <sup>3</sup> (STEL) |
| Residual oils (petroleum), solvent-refined                | 5 mg/m <sup>3</sup>                        | Not established   | 5 mg/m <sup>3</sup>        | Not established  | Not established             |
| Propylene carbonate                                       | Not established                            |                   | Not established            |                  | Not established             |
| Carbon Black  | 3 mg/m <sup>3</sup>                        | Not established   | 3.5 mg/m <sup>3</sup>      | Not established  | 3.5 mg/m <sup>3</sup>       |
|   | CA ON: 3 mg/m <sup>3</sup> (Inhalable) TWA |                   |                            |                  |                             |

|                               |   |
|-------------------------------|---|
| 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 and full faceshield if a splash hazard exists.  |
| Gloves/ type.....             | Chemical resistant gloves. Nitrile rubber.  |
| Clothing/type.....            | Wear adequate protective clothes.   |
| Footwear/type.....            | Safety boots per local regulations.   |
| Other/type.....               | Eye wash facility and emergency shower should be in close proximity.  |

**PRODUCT: 21230 OIL BASED RUSTPROOFING (AMBER) 55 U.S. GALLONS****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**

Appearance/Physical state..... Semi-solid grease.  
 Colour..... Amber or black.  
 Odour..... Characteristic odour.  
 Odour threshold (ppm)..... 100.  
 Vapour pressure (mm Hg)..... <1 kPa @ 25C.  
 Vapour density (air=1)..... >1.  
 pH..... Not applicable.  
 Relative Density (Specific Gravity)..... 0.9.  
 Melting / Freezing point (deg C)..... -10.  
 Solubility..... Insoluble in water.  
 Initial boiling point / boiling range (deg C). >150.  
 Evaporation rate..... <1.  
 Flash point (deg C), method..... > 93.3°C .  
 Auto ignition temperature (deg C)..... 350°C.  
 Flammability (solids and gases)..... Not flammable.  
 Upper flammable limit (% vol)..... No data.  
 Lower flammable limit (% vol)..... No data.  
 Partition coefficient — n-octanol/water..... Not available.  
 % Volatile by volume..... Not available.  
 VOC (less water)..... 0 lb/usg - 0 g/mL.  
 Viscosity..... No data.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability..... Stable at normal temperatures and pressures.  
 Reactivity ..... Avoid heat, sparks and flames.  
 Possibility of hazardous reactions..... Hazardous polymerization will not occur.  
 Conditions to avoid, including static ..... Incompatible with strong oxidizers.  
 discharge, shock or vibration  
 Hazardous decomposition products..... See hazardous combustion products section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION**

| INGREDIENTS   | LC50   | LD50   |
|---|--|--|
| Distillates (petroleum), solvent-refined heavy paraffinic | 2.18 mg/L 4 hours rat  | >5,000 mg/kg rat oral                                    |
| Distillates (petroleum), hydrotreated heavy paraffinic    | Not available  | >5000 mg/kg (skin, rabbit).<br>>15000 mg/kg (oral, rat)  |
| Residual oils (petroleum), solvent-refined                | 2.18 mg/L (4 hr, rat)  | >5000 mg/kg (oral, rat)                                  |
| Propylene carbonate                                       | Not available  | >5000 mg/kg (oral, rat)<br>>2000 mg/kg (dermal, rat)     |
| Carbon Black  | Not available  | >10,000 mg/kg (oral rat )<br>3,000 mg/kg (dermal rabbit) |
| Route of exposure.....                                    | Eye contact. Skin contact. Inhalation. Ingestion.  |  |
| Effects of acute exposure.....                            | Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. If swallowed, this product may be aspirated and cause lung damage. May be irritating to the eyes and skin. Inhalation of vapours causes irritation to the nose, throat and respiratory tract. |  |
| Effects of chronic exposure.....                          | Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. May cause damage to the respiratory system, lungs, eyes, skin and central nervous system.       |  |
| Carcinogenicity of material.....                          | IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies.  |  |
| Reproductive effects.....                                 | None known.  |  |
| Sensitizing capability of material.....                   | None known.  |  |

**PRODUCT: 21230 OIL BASED RUSTPROOFING (AMBER) 55 U.S. GALLONS****SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Do not allow to enter waters, waste water or soil.  
 Persistence and degradability..... Not readily biodegradable.  
 Mobility in soil..... Low mobility. Will adsorb to soil particles.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . 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..... Not regulated.  
 DOT Classification (Road)..... Not regulated.  
 IATA Classification (Air)..... Not regulated.  
 IMDG Classification (Marine)..... Not regulated.  
 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 substances ..... None.  
 Section 311/312 - hazard categories..... Immediate health. Delayed Health.  
 Section 313..... None.  
 EPA hazardous air pollutants (HAPS) 40CFR63 ..... None.  
 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 .. 2018-01-25