



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

**PRODUCT: PF 449-1 WHITE BOOTH COATING ONE GALLON**

### 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 449-1 WHITE BOOTH COATING ONE GALLON

Recommended use and restrictions on use .. Booth coating.

Chemical family..... Mixture.

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

HMIS..... H: 2 F: 1 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..... WARNING.

Hazard Classification..... Eye Irritation — Category 2A. Carcinogenicity — Category 2.

Hazard Description..... H319 Causes serious eye irritation. H351 This product contains ingredients that are suspected of causing cancer.

Prevention..... 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. 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. 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. %   |
|-------------------------------|------------|---------|
| Titanium Dioxide              | 13463-67-7 | 3-7     |
| 2-Butoxyethanol               | 111-76-2   | 0.1-1.0 |
| 1-Propanol, 2-amino-2-methyl- | 124-68-5   | 0.1-1.0 |
| Sodium Nitrite                | 7632-00-0  | ~ 0.1   |

<<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..... Immediately flush skin with plenty of water. Remove contaminated clothing. Wash clothing before reuse. 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: PF 449-1 WHITE BOOTH COATING ONE GALLON****SECTION 04: FIRST-AID MEASURES**

|                                                                    |                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion.....                                                     | Rinse mouth with water. Get medical attention. 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 | 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                                                                  | Carbon dioxide, dry chemical, foam. 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> ). Nitrogen oxides. Acrylates. Ammonia. Sodium compounds. Hazardous organic compounds.                                   |
| 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. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. 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.....                           | Avoid skin and eye contact. Avoid breathing vapours or mist. Keep container closed when not in use. Employees should wash hands and face before eating or drinking.   |
| Conditions for safe storage, including any incompatibilities | Protect from freezing. Store in a cool and dry place, for product integrity. Store away from all sources of heat and ignition. Keep container closed when not in use. |

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

| INGREDIENTS                           | TWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ACGIH TLV STEL  | PEL                             | OSHA PEL STEL   | NIOSH REL                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------|-----------------|-------------------------------|
| Titanium Dioxide                      | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not established | 15 mg/m <sup>3</sup>            | Not established | Not established               |
|                                       | CA ON: 10 mg/m <sup>3</sup> (TWA)                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                 |                 |                               |
| 2-Butoxyethanol                       | 20 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No data         | 50 ppm (240 mg/m <sup>3</sup> ) | No data         | 5 ppm (24 mg/m <sup>3</sup> ) |
| 1-Propanol, 2-amino-2-methyl-         | Not established                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not established | Not established                 | Not established | Not established               |
| Sodium Nitrite                        | Not established                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not established | Not established                 | Not established | Not established               |
| Respiratory/type.....                 | 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**

|                                |                   |
|--------------------------------|-------------------|
| Appearance/Physical state..... | Liquid.           |
| Colour.....                    | White.            |
| Odour.....                     | Slightly acrylic. |
| Odour threshold (ppm).....     | Not available.    |

**PRODUCT: PF 449-1 WHITE BOOTH COATING ONE GALLON****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| Vapour pressure (mm Hg).....                       | Not available.          |
| Vapour density (air=1).....                        | No data.                |
| pH.....                                            | Not available.          |
| Density.....                                       | 9.21 lbs/USG; 1.1.      |
| Melting / Freezing point (deg C).....              | ~ 0°C.                  |
| Initial boiling point / boiling range (deg C)..... | ~ 100°C .               |
| Solubility.....                                    | Miscible.               |
| Evaporation rate.....                              | Not available.          |
| Flash point (deg C), method.....                   | Not applicable.         |
| Auto ignition temperature (deg C).....             | Not applicable.         |
| Upper flammable limit (% vol).....                 | No data.                |
| Lower flammable limit (% vol).....                 | No data.                |
| Partition coefficient — n-octanol/water.....       | Not available.          |
| % Volatile by volume.....                          | 59.66.                  |
| VOC (less water).....                              | 65.5 g/L - 0.55 lb/USG. |
| Viscosity.....                                     | 1520 cps #4 @ 20 rpm.   |

**SECTION 10: STABILITY AND REACTIVITY**

|                                                                          |                                                                                |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Chemical stability.....                                                  | Stable at normal temperatures and pressures.                                   |
| Reactivity .....                                                         | Contact with acids liberates toxic gas.                                        |
| Possibility of hazardous reactions.....                                  | Hazardous polymerization will not occur.                                       |
| Conditions to avoid, including static discharge, shock or vibration..... | Incompatible with strong oxidizers. Strong acids and bases. Hydrofluoric acid. |
| Hazardous decomposition products.....                                    | See hazardous combustion products section 5.                                   |

**SECTION 11: TOXICOLOGICAL INFORMATION**

| INGREDIENTS                      | LC50                                                                                                                                                                                             | LD50                                                       |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Titanium Dioxide                 | >6.8 mg/L (4 hr)                                                                                                                                                                                 | > 10,000 mg/kg (rat, oral) > 10,000 mg/kg (rabbit, dermal) |
| 2-Butoxyethanol                  | 450 ppm 4 hr rat                                                                                                                                                                                 | 1300 mg/kg (rat oral) >2000 mg/kg (rabbit dermal)          |
| 1-Propanol, 2-amino-2-methyl-    | Not available                                                                                                                                                                                    | 2.9 g/kg (oral, rat)                                       |
| Sodium Nitrite                   | 5.5 mg/m3 4 hours rat                                                                                                                                                                            | 85 mg/kg oral rat                                          |
| Route of exposure.....           | Eye contact. Skin contact. Inhalation. Ingestion.                                                                                                                                                |                                                            |
| Effects of acute exposure.....   | Can be irritating to eyes and skin. Ingestion may cause adverse health effects. Excessive inhalation of this product may cause dizziness.                                                        |                                                            |
| Effects of chronic exposure..... | Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Prolonged or repeated exposure may lead to liver, kidney or central nervous system symptoms. |                                                            |
| Carcinogenicity of material..... | IARC has classified Titanium Dioxide as a group 2B carcinogen.                                                                                                                                   |                                                            |
| Reproductive effects.....        | No data on reproductive effects were found in the literature sources consulted.                                                                                                                  |                                                            |

**SECTION 12: ECOLOGICAL INFORMATION**

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

**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. . |

**PRODUCT: PF 449-1 WHITE BOOTH COATING ONE GALLON****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 ..... Formaldehyde.  
substances  
Section 311/312 - hazard categories..... Immediate health, delayed health.  
Section 313..... None.  
EPA hazardous air pollutants (HAPS) ..... Ethyl acrylate. Formaldehyde.  
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 . (Ethyl acrylate). (Formaldehyde - dissolved). (Titanium dioxide - airborne, unbound particles of respirable size). For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. [www.trivalent.com](http://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:..... 2021-11-15.  
Date of the latest revision of the safety .. 2018-05-10  
data sheet