### Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURED FOR:** Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario L9T 3Y5  
Tel (905) 878-4990 Fax (905) 878-1189

**PRODUCT NAME:** PF 663C EPOXY PRIMER/SEALER CATALYST FOR 2.1 VOC SPRAY

**MATERIAL USE:** PAINTS.

**CHEMICAL FAMILY:** MIXTURE.

**PREPARATION DATE:** JUNE 21, 2012.

**HAZARD RATE**
- **NFPA RATING:** HEALTH: 2 FIRE: 3 REACTIVITY: 0.
- **HMIS:** H: 2 F: 3 R: 0.

### Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>Exposure Limit</th>
<th>C.A.S.#</th>
<th>LD/50, Route, Species</th>
<th>LC/50 Route,Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Amine</td>
<td>0.1-1.0</td>
<td>NOT AVAILABLE</td>
<td>90-72-2</td>
<td>ORL-RAT 2500</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Modified Polyamide Resin</td>
<td>7-13</td>
<td>NOT ESTABLISHED</td>
<td>68082-29-1</td>
<td>&gt;2,000 mg/kg RAT ORAL; &gt;2,000 mg/kg RABBIT DERMAL</td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol Methyl Ether</td>
<td>1-5</td>
<td>150 PPM</td>
<td>107-98-2</td>
<td>5660 MG/KG RAT ORAL</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Butyl Alcohol</td>
<td>7-13</td>
<td>50 ppm/100 mg/m3</td>
<td>71-36-3</td>
<td>RAT/ORAL 790</td>
<td>RAT/4 HRS 8000</td>
</tr>
<tr>
<td>Acetic Acid, Tert-Butyl Ester</td>
<td>40-70</td>
<td>200 ppm</td>
<td>540-88-5</td>
<td>4,100 mg/kg RAT ORAL; &gt;2 g/kg RABBIT DERMAL</td>
<td></td>
</tr>
<tr>
<td>4-Chlorobenzotrifluoride</td>
<td>10-30</td>
<td>2.5 mg/m3</td>
<td>98-56-6</td>
<td>13 g/kg RAT ORAL; &gt;2 g/kg RABBIT DERMAL</td>
<td></td>
</tr>
</tbody>
</table>

### Section 03: HAZARDS IDENTIFICATION

**ROUTE OF ENTRY**
- **EYE CONTACT:** SKIN CONTACT, INHALATION.
  EYE CONTACT, SKIN CONTACT, INHALATION, CAN CAUSE MODERATE IRRITATION, DEFAITING AND DERMATITIS. MAY CAUSE SENSITIZATION BY SKIN CONTACT.
- **SKIN ABSORPTION:** MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
- **INGESTION:** MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.
- **INHALATION (ACUTE):** EXCESSIVE INHALATION OF VAPOURS CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, VOMITING AND UNCONSCIOUSNESS.
- **INHALATION (CHRONIC):** CHRONIC EXPOSURE TO ORGANIC SOLVENT VAPOURS 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.
- **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. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THIS PRODUCT MAY BE HARMFUL OR FATAL.
Section 04: FIRST AID MEASURES

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.

EYE CONTACT: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES, KEEPING EYELIDS OPEN, WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

ADDITIONAL INFORMATION: TREAT POISONING VICTIMS SYMPTOMATICALLY. IN EVENT OF AN INCIDENT INVOLVING THIS PRODUCT ENSURE THAT MEDICAL AUTHORITIES ARE PROVIDED A COPY OF THIS MATERIAL SAFETY DATA SHEET.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY: FLAMMABLE.
FLASH POINT (deg C), METHOD: 4.4 CLOSED CUP.
AUTO IGNITION TEMPERATURE (deg C): > 365.
UPPER FLAMMABLE LIMIT (% VOL): 12.0.
LOWER FLAMMABLE LIMIT (% VOL): 1.2.
EXTINGUISHING MEDIA: "ALCOHOL" FOAM, CO2, DRY CHEMICAL. IN CASES OF LARGER FIRES, WATER SPRAY SHOULD BE USED.
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON (CO,CO2). OXIDES OF NITROGEN.
SENSITIVITY TO MECHANICAL IMPACT: NOT REQUIRED.
SENSITIVITY TO STATIC DISCHARGE: MAY BE SENSITIVE.
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 RINES ARE CLASSIFIED AS CHEMICAL WASTE, AND MUST BE DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, PROVINCIAL, 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 TERTITOL TMN-10 (20%), OR; WATER (90%), CONCENTRATED AMMONIA (3-8%) AND DETERGENT (2%).

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

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.
Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

FOOTWEAR/TYPEx................................. SAFETY BOOTS PER LOCAL REGULATIONS.
OTHER/TYPEx.......................... EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.
VENTILATION REQUIREMENTS..... LOCAL EXHAUST AT POINTS OF EMISSION.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE............................. LIQUID.
ODOUR............................................. MILD ODOR.
COLOUR............................................ LIGHT YELLOW.
ODOUR THRESHOLD (ppm)...................... > 1.
VAPOUR DENSITY (AIR=1)...................... NOT AVAILABLE.
VAPOUR PRESSURE (mm Hg).................... NOT AVAILABLE.
EVAPORATION RATE............................ NOT AVAILABLE.
BOILING POINT (deg C)......................... > 98.
pH..................................................... NOT APPLICABLE.
SOLUBILITY IN WATER (% W/W).............. INSOLUBLE.
COEFFICIENT OF WATER/OIL.................. NOT AVAILABLE.
DISTRIBUTION........................................
FREEZING POINT (deg C)....................... NOT AVAILABLE.
% VOLATILE BY WEIGHT....................... 90.
VOC..................................................... 104 g/L - 0.8677 lb/USG.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION............ HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
STABILITY........................................ STABLE AT NORMAL TEMPERATURES AND PRESSURES.
INCOMPATIBILITY............................. KEEP AWAY FROM HEAT. INCOMPATIBLE WITH STRONG OXIDIZERS.
REACTIVITY CONDITIONS.................. AVOID HEAT, SPARKS AND FLAME. EXPLOSIVE REACTIONS CAN OCCUR IN THE PRESENCE OF STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF .................. BY FIRE: DENSE BLACK SMOKE. OXIDES OF NITROGEN. OXIDES OF CARBON (CO,CO2).

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS.............................. 4-CHLOROBENZOTRIFLUORIDE: ACGIH TLV 2.5 mg/m3 TWA; OSHA PEL 2.5 mg/m3 TWA . nBUTYL ALCOHOL - ACGIH TLV 20 ppm; OSHA PEL 100 ppm; NIOSH REL (15 MINUTES) 50 ppm. ACETIC ACID, TERT BUTYL ESTER: OSHA PEL TWA 200 ppm; ACGIH TLV TWA 200 ppm; NIOSH REL TWA 200 ppm.
IRRITANCY OF MATERIAL...................... IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL.... MAY CAUSE SENSITIZATION BY SKIN CONTACT.
CARCINOGENICITY OF MATERIAL............ NOT AVAILABLE.
TERATOGENICITY............................... NOT AVAILABLE.
MUTAGENICITY................................... NOT AVAILABLE.
REPRODUCTIVE EFFECTS.................... NOT AVAILABLE.
SYNERGISTIC MATERIALS.................... NOT AVAILABLE.

Section 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL.............................. DO NOT ALLOW TO ENTER WATERS, WASTEWATER OR SOIL.
BIODEGRADABILITY........................... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL............................. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. AVOID RELEASE TO THE ENVIRONMENT.

Section 14: TRANSPORT INFORMATION

TDG CLASSIFICATION........................ UNDER TDG CLEAR LANGUAGE REGULATIONS 1.17 - THIS PRODUCT MEETS THE "LIMITED QUANTITY" EXEMPTION. IF SHIPPING IN 55 USG DRUMS OR BULK THE CLASSIFICATION OF THIS PRODUCT IS THEN "PAINT RELATED MATERIAL, CLASS 3, UN1263, PG II".
**PRODUCT: PF 663C EPOXY PRIMER/SEALER CATALYST FOR 2.1 VOC SPRAY**

### Section 15: REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>WHMIS CLASSIFICATION</th>
<th>B2, D2B.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEPA STATUS</td>
<td>ON DOMESTIC SUBSTANCES LIST (DSL).</td>
</tr>
<tr>
<td>OSHA</td>
<td>THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD.</td>
</tr>
<tr>
<td>SARA TITLE III</td>
<td>NONE.</td>
</tr>
<tr>
<td>SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES</td>
<td>NONE.</td>
</tr>
<tr>
<td>SECTION 311/312 - HAZARD CATAGORIES</td>
<td>IMMEDIATE HEALTH, DELAYED HEALTH, FIRE HAZARD.</td>
</tr>
<tr>
<td>SARA SECTION 313</td>
<td>BUTYL ALCOHOL.</td>
</tr>
<tr>
<td>EPA HAZARDOUS AIR POLLUTANTS</td>
<td>NONE.</td>
</tr>
<tr>
<td>(HAPS) 40CFR63</td>
<td>ALL COMPONENTS ARE LISTED.</td>
</tr>
<tr>
<td>TSCA INVENTORY STATUS</td>
<td>THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.</td>
</tr>
</tbody>
</table>

### Section 16: OTHER INFORMATION

- **PREPARED BY:** REGULATORY AFFAIRS.
- **TELEPHONE NUMBER:** (800) 387-7981.
- **PREPARATION DATE:** Jun21/12