

MATERIAL SAFETY DATA SHEET

1. COMPANY INFORMATION / CHEMICAL PRODUCT

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Product Name: **PROFIX (PART A)**

Product Part #: **PF20CL, PF20WH, PF20BK, PF20RD, PF20AM, PF20YL, PF1280BK**

2. HAZARDOUS INGREDIENTS

*n/a-not available

* n/e-not established

EXPOSURE LIMITS, PPM

COMPONENT	CAS #	EXPOSURE LIMITS, PPM		% MIX
		OSHA PEL(TWA)	ACGIH TLV(TWA)	
MMA Monomer	80-62-6	100 ppm	50 ppm	50-80%
Acrylic Polymer(s)	Non-Hazard	n/a	n/a	15-25%
Dibutyl Phthalate	84-74-2	5 ppm	5 ppm	5-12%
Titanium Dioxide (PF20WH only)	13463-67-7	400 ppm	n/e	0.5-5%
TMPTMA	3290-92-4	n/e	n/e	0.5-5%
DMPT	99-97-8	n/a	n/a	0.1-1%

3. HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

SKIN:

EYES:

INHALATION:

INGESTION:

EFFECTS OF EXPOSURE

May be irritating to skin, avoid direct contact. May cause dermatitis.

Liquid and vapors may irritate eyes.

Slightly toxic by inhalation. Vapors may irritate the eyes, nose and throat. Inhalation of higher concentrations in poorly ventilated areas may cause headaches and nausea.

Slightly toxic by ingestion. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

SKIN CONTACT:

EYE CONTACT:

INGESTION:

INHALATION:

Wash exposed skin with soap and water. Seek medical attention if irritation persists.

Immediately flush eyes with lots of running water for 15 minutes, lifting upper and lower eyelids. Seek medical attention if irritation persists.

DO NOT INDUCE VOMITING. Wash mouth out with water and seek immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.

Remove to fresh air. Seek immediate medical attention if in distress. Administer artificial respiration if breathing has stopped until help arrives.

5. FIRE FIGHTING MEASURES

FLAMMABILITY:

FLASHPOINT:

LEL/UEL:

EXTINGUISHING MEDIA:

SPECIAL FIRE PRECAUTIONS:

Product is flammable as supplied.

10° C / 50° F

2.1 / 12.5

Foam, Alcohol foam, CO₂, Dry chemical.

Water spray may be ineffective but may be used to cool containers exposed to heat.

Wear self-contained breathing apparatus.

5. FIRE FIGHTING MEASURES Cont.

SPECIAL EXPLOSION PRECAUTIONS: Vapors may ignite explosively. Exposure to heat or prolonged exposure to sun may cause containers to burst. Do not expose to heat or store at temp. above 80°F. Do not puncture or incinerate containers.

NFPA RATINGS FOR THIS PRODUCT ARE: HEALTH 3, FLAMMABILITY 3, REACTIVITY 3

HMIS RATINGS FOR THIS PRODUCT ARE: HEALTH 3, FLAMMABILITY 3, REACTIVITY 3

6. ACCIDENTAL RELEASE MEASURES

MEASURES TO TAKE IN CASE OF LEAKAGE OR SPILLS: Contain spills by diking with soil or other non-combustible absorbent material and then pump into DOT - approved waste containers. Keep out of sewers, storm drains, surface waters and soil.

7. HANDLING AND STORAGE

HANDLING: Wear rubber gloves and safety goggles while handling. Do not reuse empty container.
STORAGE: Store in a cool, dry, well ventilated place away from incompatible materials. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use normal ventilation, should be explosion proof.
PERSONAL PROTECTION: Wear a NIOSH/OSHA approved respirator for vapors and particles.
Wear safety glasses with side shields and chemical resistance gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Strong, Pungent
COLOR(S): Various
PHYSICAL STATE (@20 C): Moderately viscous liquid
VAPOR DENSITY (Air = 1): Heavier than air
BOILING RANGE: 101° C / 214° F
FREEZING/MELTING POINT: No Data
SPECIFIC GRAVITY: 1.030 +/- 0.050
EVAPORATION RATE : Faster than N-butyl Acetate
SOLUBILITY IN WATER: Slight
MATERIAL VOC: Not available

10. STABILITY AND REACTIVITY

STABILITY: Unstable.
HAZARDOUS POLYMERIZATION: May occur.
CONDITIONS TO AVOID: Direct sunlight, excessive heat, open flames, spark sources and sources of static discharge.
MATERIALS TO AVOID: Free-radical initiators, oxidizing agents, peroxides, acids, alkalis, amines.
HAZARDOUS DECOMPOSITION: Yields carbon dioxide, carbon monoxide, various hydrocarbons, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION: Slightly irritating to skin.
CARCINOGENICITY: NTP Carcinogen: YES IARC Monographs: YES OSHA Regulated: YES
TERATOGENICITY/EMBRYOTOXICITY: n/a
MUTAGENICITY: n/a
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Bronchitis, CNS disorders, Asthma, Allergies, Nausea

12. ECOLOGICAL INFORMATION

No ecological information available.

13. DISPOSAL CONSIDERATIONS

Waste disposal information: Dispose in accordance with all applicable Federal, State and local environmental regulations.

14. TRANSPORT INFORMATION

Canadian TGD Classification: Flammable Class 3 UN 1133 Packing Group III
U.S. (DOT) Regulations: Flammable Class 3 UN 1133 Packing Group III

15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL) or exempt.

SARA TITLE 312: Acute: YES Chronic: YES Fire: YES Pressure: NO React.: YES

WHMIS Hazardous Classification: B2 Flammable Liquids
D2B Toxic Materials
F Dangerously Reactive Material

16. OTHER INFORMATION

Prepared by: Pro Technology International Ltd. on March 31, 2006.

NOTICE:

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, PROTECHNOLOGY MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREFORE, PROTECHNOLOGY ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

BE SAFE:

READ OUR PRODUCT SAFETY INFORMATION AND PASS IT ON