

## MATERIAL SAFETY DATA SHEET

### 1. COMPANY INFORMATION / CHEMICAL PRODUCT

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Product Name: **PROFIX THICKENING AGENT**  
Product Part #: **PF80TA**  
Product Use: Thickening agent for adhesive/casting resin.  
Generic Name: Milled Fiber

### 2. COMPOSITION OF INGREDIENTS

COMPONENT	CAS #	EXPOSURE LIMITS, PPM		% MIX
		OSHA PEL(TWA)	ACGIH TLV(TWA)	
Fiber Glass	65997-17-3	--	--	100%
*Non-respirable filament/particulate		15 mg/m3	5 mg/m3	>90%
*Respirable particulate		5 mg/m3	None	<10%
*Respirable particulate with fiber-like dimensions		n/e	n/e	<0.1%

### 3. HAZARDS IDENTIFICATION

#### ROUTES OF EXPOSURE

SKIN:  
EYES:  
INHALATION:  
INGESTION:

#### EFFECTS OF EXPOSURE

Dusts and fibers from this product may cause mechanical irritation to the skin.  
Dusts and fibers from this product may cause mechanical irritation to the eyes.  
Dusts and fibers may cause mechanical irritation the respiratory tract.  
May cause gastrointestinal irritation and disturbances.

### 4. FIRST AID MEASURES

SKIN CONTACT:  
EYE CONTACT:  
INGESTION:  
INHALATION:

Wash exposed skin with soap and cold 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 UNCONSCIOUS 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:

Non-flammable  
None  
None/None  
Foam, Alcohol foam, CO2, Dry chemical.  
Wear self-contained breathing apparatus and full bunker turnout gear in a sustained fire.

## **5. FIRE FIGHTING MEASURES Cont.**

SPECIAL FIRE & EXPLOSION HAZARDS: None known.

**NFPA RATINGS FOR THIS PRODUCT ARE:** HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

**HMIS RATINGS FOR THIS PRODUCT ARE:** HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

## **6. ACCIDENTAL RELEASE MEASURES**

MEASURES TO TAKE IN CASE OF  
LEAKAGE OR SPILLS:

This material will settle out of air. If concentrated on land, it can be scooped up for disposal as non-hazardous waste. This material will sink and disperse along the bottom of waterways and ponds. It cannot be easily removed after it is waterborne; however the material is non-hazardous in water.

## **7. HANDLING AND STORAGE**

HANDLING: Wear rubber gloves, safety goggles and dust mask while handling. Avoid creating dust. Avoid unnecessary handling of material.

STORAGE: No special conditions. Keep containers closed and keep work areas clean. Keep away from children and animals.

## **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: None  
 COLOR(S): White to gray  
 PHYSICAL STATE (@20 C): Powder, solid  
 VAPOR DENSITY (Air = 1) n/a  
 BOILING RANGE: n/a  
 FREEZING/MELTING POINT: >800°C  
 SPECIFIC GRAVITY: 2.55-2.58  
 EVAPORATION RATE : n/a  
 SOLUBILITY IN WATER: Insoluble  
 pH: n/a

## **10. STABILITY AND REACTIVITY**

STABILITY: Stable  
 HAZARDOUS POLYMERIZATION: Will not occur.  
 CONDITIONS TO AVOID: None known.  
 MATERIALS TO AVOID: None known.  
 HAZARDOUS DECOMPOSITION: Primary combustion products are carbon monoxide, hydrogen, carbon dioxide, ammonia and water. Other undetermined compounds could be released in small amounts.

## **11. TOXICOLOGICAL INFORMATION**

SENSITIZATION: Slightly irritating to skin.  
 CARCINOGENICITY: NTP Carcinogen: NO IARC Monographs: NO OSHA Regulated: YES  
 TERATOGENICITY/EMBRYOTOXICITY: n/a  
 MUTAGENICITY: n/a  
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Chronic respiratory or skin conditions may temporarily worsen.

**12.ECOLOGICAL INFORMATION**

No ecological information available. This product is not anticipated to harm animals, plants or fish.

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION**

Canadian TGD Classification: Not Regulated  
 U.S. (DOT) Regulations: Not Regulated  
 Additional Transportation Regulations: No additional information available.

**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 311/312: Acute: YES Chronic: NO Fire: NO Pressure: NO React.: NO

The following components appear on one or more of the following state hazardous substances lists:

COMPONENT	CAS#	CA	FL	MA	MN	NJ	PA
Fiber Glass	65997-17-3	No	No	No	No	No	No

WHMIS: Status - Not controlled Classification - None

**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**