

# Material Safety Data Sheet

Date: Feb. 8, 2010  
TextraFINE



## 1. Chemical Product and Company Identification

Product Name: TextraFINE

Chemical Name and Synonyms: Textile type bonded fiber glass board / blanket, continuous filament fiber

Chemical Formula: Continuous Filament fiber

CAS No: N/A

Common Name: Textile type Fiberglass Insulation

Product Use: Thermal / Acoustical Insulation

Manufacturer: Anco Products Inc.

2500 17th Street, Elkhart, IN. 46517

(800) 837-2626 Fax: (574) 295-6235

MSDS and Technical Information: 8am - 5pm EST 800-837-2626 EXT 223

24 Hour Emergency Contact : CHEMTREC 800-424-9300

## 2. Hazards Identification

Appearance and Odor: Brown and amber mixture continuous filament glass, slight phenol smell

Emergency Overview: No unusual conditions are expected from this product. Stable and non-flammable under normal industrial conditions.

Primary Route(s) of Exposure: Skin contact, Eye contact, Inhalation.

Immediate (acute) health hazards: May cause slight short term irritation of the skin, eyes, nose and / or throat.

Long term (chronic) exposure: None currently known; see Section 11

## 3. Composition / Information on Ingredients

Chemical Name: Glass, continuous filament fiber, composition principally of oxides of silicon, aluminum, and calcium fused in an amorphous vitreous state (textile fibers)

Common Name: Synthetic fibrous glass, continuous filament / long strand textile fiber

CAS No.: For Fibrous glass (65997-17-3)

Percentage in Product: 70% - 94% by weight

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Chemical Name: Sizing, mixture of starches, modified vegetable oils or polymers

Common Name: Starch binder, Sizing

CAS No.: Mixture

Percentage in Product: 0 - 1% by weight

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Chemical Name: Binder (Proprietary Information)

Common Name: Binder

CAS No.: Mixture

Percentage in Product: 6 - 30% by weight

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## 4. First Aid Measures

**Information for Medical Practitioners:** This product is not expected to produce any chronic health effects from acute exposure. Treatment of any irritation should be directed toward removing the source of irritation with symptomatic treatment as necessary. See section 8 for exposure limits and issues

**Medical Conditions Aggravated by Exposure:** Chronic respiratory or skin conditions may temporarily worsen from exposure to this product

**Inhalation:** Move person to fresh air. Drink water to clear throat and blow nose to clear area. Seek medical attention if irritation persists.

**Eye Contact:** Do not rub or scratch eyes. Fibers in eye may cause eye to be scratched, and fibers may become imbedded. Flush eyes with large amounts of running water for 10 - 15 minutes, as necessary. Seek medical attention if irritation persists.

**Skin Contact:** Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch irritated areas. Seek medical attention if irritation persists.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, seek medical attention. Give exposed individual 6 to 8 oz. liquid. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless advised by a physician.

**Absorption:** N/A

**Fire:** Remove individual to fresh air. Seek medical attention if necessary.

## 5. Fire Fighting Measures

**Flash Point and Method:** None. Does not support combustion.

**Flammability Limits (%):** None      **LEL:** N/A      **UEL:** N/A

**Auto Ignition Temperature:** N/A

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry chemical or water fog

**Unusual Fire and Explosion Hazards:** None known

**Fire Fighting Instructions:** Use self contained breathing apparatus (SCBA) and full bunker turn-out gear in a sustained fire.

**Hazardous Combustion Products:** Fumes released during curing process may cause lung irritation and may contain small amounts of gaseous ammonia, phenol, formaldehyde and water vapor. Carbon monoxide and carbon dioxide are evolved. Breathing difficulty may be experienced as a result of these over-exposures and may be harmful. Dust and fumes released during the curing process may also be irritation to the eyes

## 6. Accidental Release Measures

**Land Spill:** Scoop up and place into suitable container as non-hazardous waste. Product may also be easily vacuumed during clean up

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## 6. Accidental Release Measures (cont.)

**Water Spill:** This material will sink and disperse along the bottom of waterways and ponds. It can be easily removed after it is water bourn. Material is non-hazardous in water

**Air Release:** Material will settle out of the air. If concentrated on land treat as a land spill

**Disposal:** Dispose of in accordance with local regulations. Defined as non-hazardous by the Resource Conservation and recovery Act (RCRA; 40 CFR 261)

## 7. Handling and Storage

**Storage Temperature:** N/A

**Storage Pressure:** N/A

**General:** No special storage or handing procedures are required for this material. Anco recommends storage in a dry area protected from the elements

**Handling:** Anco recommends the wearing of a respirator (see section 8), long sleeves, and eye protection when handling loose material or during installation

## 8. Exposure Controls / Personal Protection

	OSHA PEL (8hr TWA)	ACGIH TL (8hr TWA)
<b>Continuous Filament fiber</b>	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
<b>Respirable particulate (PNOC)</b>	5mg/m <sup>3</sup>	3mg/m <sup>3</sup>
<b>Respirable particulate with fiber</b>	None Established	1 fiber/cc Aspect ratio>5:1
<b>Sizing</b>	None Established	None Established
<b>Cured Binder Solids</b>	None Established	None Established

PNOC= Particles Not Otherwise Classified

NIOSH defines "respirable fibers" as greater then 5 microns in length and less than 3 microns in diameter with an aspect ratio greater than or equal to 5:1 (length to width ratio).

**Respiratory Protection:** Typically not necessary under normal conditions of use. A respirator approved for nuisance dust may be required / used.

**Ventilation:** Local exhaust ventilation should be used in operations involved in cutting and use of power tools

**Skin protection:** Loose fitting, long sleeved shirt that covers to the base of neck, long pants and gloves are recommended but not required. Minor skin irritation is known to occur chiefly at pressure points such as around the neck, wrist, waist and between fingers.

**Eye Protection:** Safety glasses with side shields, goggles or face shield

### Work and Hygienic Practices:

1. Use adequate local exhaust ventilation
2. Remove material from the skin and eye area after contact.
3. Remove material from clothing using vacuum equipment (never compressed air)
4. Keep the work area clean of dusts and fibers released during processing or fabrication.
5. Use vacuum equipment to clean up product.
6. Avoid dry sweeping or using compressed air for cleaning as these techniques re-suspend dusts and fibers into air.
7. Access to safety showers and eye wash stations.
8. Wash hands thoroughly before eating, smoking and using washroom.

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## 9. Physical and Chemical Properties

<b>Physical State</b>	Solid	<b>Vapor Density</b>	N/A
<b>Boiling Point</b>	>2550F (glass)	<b>Specific Gravity</b>	Glass= 2.6 Binder = 1.20 - 1.30
<b>Melting Point</b>	2250F (glass)	<b>% Volatile by volume</b>	Not Volatile
<b>Softening Point</b>	>1200F	<b>Vapor Pressure</b>	N/A
<b>Odor</b>	None	<b>Evaporative Rate</b>	N/A
<b>Odor Threshold</b>	None	<b>% Solubility</b>	Slight
<b>Color</b>	Grey and White	<b>Freezing Point</b>	None
<b>pH</b>	N/A	<b>CoE H2O - Oil dist.</b>	N/A
<b>Electrical Conductivity</b>	IS an electrical insulator	<b>CoE Octanol /H2O partition</b>	N/A

## 10. Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** None known

**Incompatibility:** Strong oxidizing agents

**Hazardous polymerization:** None, except fire. See section 5

## 11. Toxicological Information

	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>	<b>97/69/EC</b>
<b>Continuous Filament Fiber</b>	NO	NO	NO	NO	NO
<b>Cured Binder Solids</b>	NO	NO	NO	NO	NO

Table indicates whether agency has identified as a carcinogen.

**Respirable Fibers:** National Institute for Occupational safety and health (NIOSH) has determined that fibers less than 3.0 micrometers are respirable. Anco Products specifically uses fibers with diameters ranging between 6 to 11 micrometers and are considered to be non-respirable. As with any mechanically abrasive activity a very small amount of respirable dust / particulate may be generated, some of which may be glass shards.

## 12. Ecological Information

Continuous filament fibers are generally considered to be an inert solid waste and no special precautions should be taken in case of release or spill

## 13. Disposal Considerations

**RCRA Hazard Class:** Non-hazardous

Continuous filament fibers are generally considered non-hazardous per EPA, RCRA 40 CFR, Part 261, 1990. Not regulated by the Department of Transportation (DOT). Dispose of in accordance with local, state and federal regulation

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## 14. Transport Information

Fiberglass insulation is not considered to be hazardous to human health and even in the event of a spill, has a small probability of causing harm to humans and the environment. Therefore, this product is exempt from transportation restrictions and manifesting requirements set by the U. S. Department of Transportation.

Exempt from Canadian Environmental Protection Act (CEPA) and Workplace Hazardous Materials Information System (WHMIS) labeling and MSDS requirements. It must be listed as an ingredient on MSDS for controlled products with fiberglass concentrations greater than 1.0%.

## 15. Regulatory Information

**USA:** **EPA TSCA** Each ingredient is on the inventory

**California Proposition 65** None Listed

**Canada:** **NSR** Each ingredient is on the DSL

**WHMIS** Not controlled & no classification

**EEC:** Fiberglass does not meet the classification for a "dangerous substance" according to 67/548/EEC.

**Japan:** "Fiber glass" is exempt from this law.

**OSHA Hazard Communication Standard:** Subject to the applicable requirements of this regulation. Per this document publishing/revision date, continuous filament fiber products are not known to contain chemicals listed by the Pennsylvania, New Jersey or Massachusetts Right to Know Laws in excess of amounts requiring reporting or labeling.

<b>SARA: Title III</b>	<b>Rating</b>
Acute Health	Yes (skin irritant)
Chronic Health	No
Fire Hazard	No
Pressure Hazard	No
Reactivity hazard	No
Section 302 / 304	None
Section 313	None

## 16. Other Information

<b>Category</b>	<b>HMIS</b>	<b>NFPA</b>
Acute Health	1	0
Flammability	1	0
Reactivity	0	0

### HMIS & NFPA Hazard rating

- 0** - Minimal
- 1** - Slight
- 2** - Moderate
- 3** - Serious (High)
- 4** - Severe (Extreme)

**NFPA Unusual Hazards:** None

**HMIS PPE:** To be supplied by user dependant upon use

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## Revision Summary:

Creation Date: 08 February 2010  
Revision date: N/A

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