

Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION			
<b>Manufacturer Information</b>		<b>Corporate Office</b>	
<b>Fibrex, Inc.</b>		<b>American Excelsior Company</b>	
P.O. Box 3003		850 Avenue H East	
Florence, AL 35630		Arlington, TX 76011	
Office Phone #: (205) 764-4613		Office Phone #: (817) 385-3500	
<b>Chemical Name:</b>	Mixture	<b>Origination Date:</b>	08/22/96
<b>Synonyms:</b>	None	<b>Last Revision Date:</b>	02/16/04
<b>Internal Product Codes:</b>	N/A		
<b>Product Use:</b>	Packaging, Hobby Craft		

Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS		
Components	CAS Number	% Weight
Aspen Wood Excelsior	N/A	55 - 79
Pigment(s)	N/A	1 - 25
Flame Retardant	N/A	≈ 20
<b>Component Information</b>		
<p>The pigment(s) contained in the final product will vary upon the desired color. Not all pigments will be found in each color variation. Dependant on the specific products pigment combination, it may be regulated or have exposure limits identified as the following: Ammonia, Wood Dust- All Soft and Hard Woods, carbon black, aromatic petroleum distillates and/or ethylene glycol.</p>		

Section 3 - HAZARDS IDENTIFICATION	
<b>Product Overview</b>	
<p>Product is baled wood excelsior blended with a flame retardant as well as pigment or a combination of pigments. This product contains chemicals and wood dust which may cause irritation and/or dryness of the respiratory tract. Repeated skin and inhalation exposure to these components may produce allergic contact dermatitis and respiratory sensitization. Accumulation of wood dusts may pose an explosion hazard.</p>	
<b>Potential Health Effects</b>	
Eyes	Exposure to may cause mechanical eye irritation.
Skin	Handling of product may cause mechanical skin irritation or produce skin rashes. Repeated skin contact may cause an allergic skin sensitization reaction.
Ingestion	Ingestion of this product is unlikely. If ingestion does occur, it may produce gastric irritation and discomfort.
Inhalation	Inhalation of dusts from this product may cause irritation and dryness of the respiratory system. Repeated inhalation exposure may cause an allergic respiratory sensitization reaction. Prolonged exposure to certain species of wood dusts has been associated with an increased risk of nasal cancers; however, no specific data concerning the type of wood used in this product could be located.

<b>Section 4 - FIRST AID MEASURES</b>	
<b>Eyes</b>	In case of contact, flush eyes with water for 15 minutes. Seek medical attention if irritation persists.
<b>Skin</b>	In case of contact, wash thoroughly with soap and large amounts of water. If irritation develops, seek medical attention.
<b>Ingestion</b>	Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion does occur, seek medical attention.
<b>Inhalation</b>	If respiratory irritation or other symptoms develop, seek medical attention.
<b>Notes to Physician</b>	None.

<b>Section 5 – FIRE FIGHTING MEASURES</b>			
<b>Flash Point</b>	: N/A	<b>Auto Ignition</b>	: N/A
<b>Method Used</b>	: N/A	<b>Flammability Classification</b>	: N/A
<b>Upper Flammable Limit (UFL)</b>	: N/A		
<b>Rate of Burning</b>	: Will not sustain ignition when removed from ignition source.		
<b>Lower Flammable Limit (LFL)</b>	: N/A		
<b>General Fire Hazards</b>	If fire retardant compounds are not removed from fiber surfaces by use of water or other means, this product will not sustain ignition when removed from the ignition source.		
<b>Hazardous Combustion Products</b>	May produce carbon monoxide, carbon dioxide, aldehydes, various hydrocarbon fragments, ammonia and/or sulfur oxide gases.		
<b>Extinguishing Media</b>	Water fog, dry chemical, or sand.		
<b>Fire Fighting Equipment/Instructions</b>	Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.		
<b>NFPA Ratings:</b>	Health: 1, Fire: 1, Reactivity: 0, Other: 0		
<b>HMIS Ratings:</b>	Health: 1, Fire: 1, Reactivity: 0, Personal Protection: N/A		

<b>Section 6 – ACCIDENTAL RELEASE MEASURES</b>	
<b>Containment Procedures</b>	Contain by any means necessary.
<b>Clean-Up Procedures</b>	Vacuum or sweep up material as necessary.
<b>Evacuation Procedures</b>	Keep unnecessary people out of area.
<b>Special Instructions</b>	Remove sources of ignition during cleanup.

**Section 7 - HANDLING AND STORAGE**

**Procedures for Handling** Keep dust generation and buildup to a minimum. Avoid inhaling dusts from this product. Remove all sources of ignition when handling this product.

**Storage Methods** Store in a cool, dry area away from moisture, excessive heat and ignition sources.

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

A.	General Product Information	Keep production/collection of airborne material to a minimum.
B.	Component Exposure Limits	
	Wood Dust, All Soft And Hard Woods	OSHA PEL: 5 mg/m <sup>3</sup> ; STEL: 10 mg/m <sup>3</sup>
	Ammonia	OSHA PEL: 50 ppm
	Carbon Black	OSHA PEL: 3.5 mg/m <sup>3</sup>
	Nuisance dust	OSHA PEL: 15 mg/m <sup>3</sup> total dust, 5 mg/m <sup>3</sup> respirable dust
	Aromatic Petroleum Distillates	ACGIH TLV: 100 ppm
	Ethylene Glycol	ACGIH TLV: 50 ppm (TLV)

**Engineering Controls:**

Ventilation should be sufficient to effectively remove and prevent buildup of airborne material while handling and applying this product. Utilize local exhaust or mechanical ventilation, as necessary.

**Personal Protective Equipment**

- Eye/Face:** Wear safety glasses, goggles, or other appropriate eye/face protection.
- Skin:** Normal work clothing (long sleeved shirts and long pants) and chemical protective gloves are recommended when handling this product.
- Respiratory:** Appropriate NIOSH/MSHA approved respiratory protection should be used if airborne concentrations of components exceed the allowable limits, or as otherwise necessary.
- General:** None.

**Section 9 - PHYSICAL & CHEMICAL PROPERTIES**

<b>Appearance:</b> Dyed, baled wood excelsior	<b>Odor:</b> Mild
<b>Physical State:</b> Solid	<b>pH:</b> N/A
<b>Vapor Pressure:</b> N/A	<b>Vapor Density:</b> N/A
<b>Boiling Point:</b> N/A	<b>Freezing Point:</b> N/A

<b>Section 10 - CHEMICAL STABILITY &amp; REACTIVITY INFORMATION</b>	
<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Avoid excessive heat and ignition sources.
<b>Incompatibility:</b>	Avoid contact with oxidizing agents and drying oils. Flame retardant component is incompatible with nitrate, nitrite and chlorate
<b>Hazardous Decomposition Products:</b>	May produce carbon monoxide, carbon dioxide, aldehydes, various hydrocarbon fragments, ammonia and/or sulfur oxide gases.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.

<b>Section 11 - TOXICOLOGICAL INFORMATION</b>	
<b>Acute Toxicity/Target Organ Information</b>	
A. Product/Component Information	Wood dusts are generally considered respiratory irritants and sensitizers. However, the ability of the dusts to cause sensitization reactions varies greatly with the wood species.
<b>Epidemiology</b>	No data available for this product.
<b>Carcinogenicity</b>	
A. Product/Component Information	There is some evidence that exposure to certain wood dusts may be associated with an increased risk of certain nasal cancers. However, that risk appears to vary greatly with the species of wood and the duration and extent of exposure. <b><i>Under normal use conditions, overexposure to wood dust from this product is not anticipated.</i></b>
B. Component Carcinogenicity Listings	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA as a carcinogen.
<b>Reproductive Toxicity</b>	No data available for this product.
<b>Neurotoxicity</b>	No data available for this product.
<b>Mutagenicity</b>	No data available for this product.
<b>Other Information</b>	No data available for this product.

<b>Section 12 – ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	No data available for this product.
<b>Environmental Fate</b>	No data available for this product.

**Section 13 - DISPOSAL CONSIDERATIONS**

**US EPA Waste Number & Descriptions**

- A. Product Information As shipped, not regulated as a hazardous waste.  
B. Waste Numbers No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions** Dispose of waste material in accordance with all applicable Federal, State or provincial and local environmental regulations. If buried, use area away from desirable plants and not close to water supply.

**Section 14 - TRANSPORTATION INFORMATION**

**DOT Information**

- Shipping Name: Not regulated as a hazardous material  
Hazard Class: Not regulated  
UN/NA #: Not regulated  
Packing Group: Not regulated

**Label(s) Required** None

**Shipping Information** None

**International Transportation Regulations** Not regulated as dangerous goods.

**Section 15 - REGULATORY INFORMATION**

**US Federal Regulations**

- A. General Product Information N/A  
B. Component Information None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

**State Regulations**

- A. General Product Information N/A  
B. Component Information None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

**Other Regulations**

- A. General Product Information N/A  
B. Component Information None of the components are listed on the Canadian Controlled Product Ingredient Disclosure List.

## Section 16 - OTHER INFORMATION

As the conditions of methods of use are beyond our control, American Excelsior Company does not assume any responsibility and expressly disclaims any liability for use of this material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of this material, or the results to be obtained thereof. Compliance with all federal, state, provincial, and local laws and regulations remains the responsibility of the user.

### Key/Legend

ACGIH	American Conference of Governmental Industrial Hygienists
CERCLA	Comprehensive Environment Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
HMIS	Hazard Materials Information System
IARC	International Agency for Research Cancer
MSHA	Mine Safety and Health Administration
N/A	Not Applicable or Not Available
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
ppm	Part per Million
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value

**MSDS Contact:** American Excelsior Company

**Phone:** (817) 385-3500