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## Material Safety Data Sheet AB1000-F

Page 1 of 6  
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### Section 1 – Product & Company Identification

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Manufacturer:	Cuyahoga Molded Plastics 1265 Babbitt Road Cleveland, Ohio 44132 USA	Information Phone:	(216) 261-2744
		Emergency Phone:	(216) 261-2744
Product Class:	Polyester Molding Compound, Vinyl Toluene based	Product Code:	N/A
		C.A.S. Number:	Mixture
Trade Name:	AB1000-F		

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### Section 2 – Composition and Information on Ingredients

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The exact components of this mixture and their percentages are being protected by Trade Secret. The components which may present a potential health and safety hazard, as well as those which require reporting under SARA Section 313 are outlined in separate sections, below.

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### Section 3 - Hazards Identification

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#### Health Hazards

See sections 4, 8 and 11.

#### Fire and Explosion Hazards

Flammability Class:	1
Flash Point:	Not Determined
LEL:	Not Determined
UEL:	Not Determined
Slightly Combustible	

When heated to decomposition, this product emits acrid smoke, hydrogen chloride, and metal oxides.

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### **Section 4 – First Aid Measures**

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#### First Aid - Inhalation

For overexposure to airborne vapors and fumes, move the exposed person to fresh air. If breathing is difficult or has stopped, administer oxygen or artificial respiration as indicated. Seek medical attention immediately.

#### First Aid - Skin

If skin irritation occurs through contact with product, promptly flush the affected area with soap and water. If this chemical penetrates clothing, promptly remove the clothing and flush the skin with water. If irritation persists after washing, get medical attention.

#### First Aid - Eyes

If this product comes in contact with eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper eye lids. Get medical attention immediately. Contact lenses should not be worn when working with this chemical. Wear protective eye wear.

#### First Aid - Ingestion

If this chemical is swallowed, get medical attention immediately. Do not induce vomiting.

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### **Section 5 - Firefighting Measures**

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#### Extinguishing Media

Use water fog or foam for large fires; carbon dioxide for small fires. Wear self-contained, positive pressure breathing apparatus. Cool tanks and drums with water.

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### **Section 6 - Accidental Release Measures**

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#### **Steps to be taken in case material is released or spilled:**

Remove all ignition sources and open flames. Contain spill immediately. Do not allow spill to enter open sewers or waterway. Mix with inert material such as vermiculite to facilitate clean up. Containerize waste.

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### **Section 7 - Handling and Storage**

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**Precautions to be taken in handling and storing:**

Do not transfer to unmarked containers.

Store in closed containers in well-protected area away from heat, sparks, flames or oxidizing materials.

Have properly maintained fire extinguishers readily available.

Avoid conditions that may produce organic vapors, fumes or airborne particulates.

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### **Section 8 - Exposure Controls and Personal Protection**

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Ventilation

Maintain local ventilation to contain organic vapors.

Eye Protection

Use protective eye wear.

Skin Protection

To prevent excessive skin contact, wear long pants, long sleeve shirt, and protective gloves.

Respiratory Protection

Respiratory protection is not normally necessary when general ventilation is effective in dispersion of organic vapors. If certain operations or persons require respirator protection, utilize NIOSH-approved respirator fitted with organic vapor cartridges.

Work/Hygienic Practices

As with any product, proper hygiene practices during work hours is recommended when working with this product.

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### **Section 9 – Physical and Chemical Properties**

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Appearance:	Tacky fibrous dough or extruded logs. Color may vary.
Odor:	Odor of vinyl toluene.
pH:	Not Determined
Boiling Point:	Not Determined
Solubility:	Not Determined
Volatiles (by volume):	Not Determined
Volatiles (by weight):	Not Determined
V.O.C. Content:	Not Determined
Evaporation Rate:	Not Determined
Specific Gravity:	2.1

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### **Section 10 – Stability and Reactivity**

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#### Normal Conditions

Stable

#### Conditions to Avoid (Stability & Polymerization)

High Temperatures

#### Incompatible Materials

Strong acids, peroxides, and other strong oxidizing agents.

#### Hazardous Decomposition Products

Carbon, carbon monoxide, carbon dioxide, low molecular weight hydrocarbons, organic acids, sulfur oxides, inorganic acids, and metal oxides, including calcium, iron and zinc.

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### **Section 11 – Toxicological Information**

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#### Inhalation Hazard

Excessive exposure to VINYL TOLUENE may cause central nervous system and narcotic effects. Chronic exposure may cause damage to kidneys and liver.

Exposure to FIBROUS GLASS can cause mechanical irritation of the mouth, nose and throat. In June, 1987, the International Agency for Research on Cancer (IARC) characterized fiberglass continuous filament as not classifiable with respect to human carcinogenicity. The evidence from human and animal studies did not present fiberglass continuous filament as a possible, probable, or confirmed cancer causing material.

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**Section 11 – Toxicological Information (Continued)**

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Operations including burning, heating or any activities which generate airborne particles may present health hazard due to the presence of CALCIUM CARBONATE, CALCIUM SULFATE, FIBROUS GLASS, and ZINC STEARATE. Zinc Stearate is also known to cause pulmonary fibrosis. Zinc Oxide fumes may cause metal fume fever with chills, fever, tightness in chest, cough and leukocytes. Burning calcium in air forms calcium oxide (quick lime) and burning calcium sulfate also forms sulfur dioxide which is irritating to mucous membrane. Severe exposure to sulfure dioxide can cause irritation to the nose or throat.

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**Section 12 - Ecological Information**

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Environmental Releases

Do not allow spills to enter sewers or waterways. Comply with all local, state, and federal regulations.

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**Section 13 - Disposal Considerations**

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Waste Disposal Methods

Comply with all applicable local, state, and federal disposal methods.

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**Section 14 - Transport Information**

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Proper Shipping Name

Polyester Molding Compound, Containing Vinyl Toluene

Comply with all applicable local, state, and federal transportation regulations.

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**Section 15 – Regulatory Information**

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SARA Title III - Hazard Classes      Acute Health Hazard  
Chronic Health Hazard

SARA Title III – Section 313 Supplier Notification

This product contains the following toxic chemicals at levels subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent of Mixture</u>
557-05-1	Zinc Stearate	2.0
100-42-5	Styrene	1.0 – 5.0

This information must be included on all MSDS that are copied and distributed for this material.

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**Section 16 - Other Information**

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Exposure data, chemical properties, first aid and protective measures information was obtained from the “NIOSH Pocket Guide to Chemical Hazards” published by the US Department of Health and Human Services, 1997.

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