

# GREEN INSULATION TECHNOLOGIES

## Material Safety Data Sheet

Green Insulation Biopolymers 1.0 LB SPRAY FOAM SYSTEM

Manufactured at:

Original Date: 10/01/07

Green Insulation Technologies

11614 State Rt. 88

Garrettsville, OH 44231

Phone: 330-527-FOAM

Green Insulation Technologies 2.0 LB SPRAY FOAM "B" COMPONENT

### SECTION 1- PRODUCT INFORMATION

Common Chemical Name:	Polymeric Alcohol
Chemical Family	Polyether Polyol
Synonyms	None

### SECTION 2- INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Vegetable Oil (Castor/Soy)	NA	5 to 30
Sucrose Polyether Polyol	NA	15 to 30
Polyester Polyol	NA	10 to 30
Tertiary Amine Catalyst	blend	5 to 7
Fire Retardant	blend	10 to 30
Water	NA	1 to 30

### SECTION 3- PHYSICAL PROPERTIES

Color	Brownish Amber
Form	Liquid
Odor	Slight Ammonia
Viscosity	620 cps at 77°
Boiling Point	at 212° F water will boil out, and the other Products will boil out at 320° F
Freezing Point	20° F
Solubility in water	Soluble

## SECTION 4- HEALTH EFFECTS

Routes of entry for this liquid include eye, skin contact, ingestion, and inhalation.

**Eyes:** This product contains Amine Catalyst and may cause irritation to the eyes. Eye protection should be worn, see Section 5 Personal protection for more details. If product gets into eyes than rinse with clean water for 25 minutes, seek medical attention.

**Skin:** This product contains Amine Catalyst and may cause irritation to the skin. If contact is made to skin, or clothing, remove clothing and launder contaminated clothing before reuse. Wash affected skin area with soap and water, seek medical attention.

**Ingestion:** If swallowed, dilute with water. **Note: Do not induce vomiting, and never give water to an unconscious victim.** Seek medical attention.

**Inhalation:** Move victim to fresh air, Aid in breathing if necessary, seek medical attention.

## SECTION 5- PERSONAL PROTECTION

Clothing	Coveralls, gloves, boots as necessary to prevent contact.
Eyes	Chemical goggles, or face shield if splashing is possible
Respiration	If vapors are generated, wear a NIOSH/MSHA approved respirator that contains organic vapor cartages, if more protection is needed than an air supplied respirator can be used.
Ventilation	Use local exhaust to remove the vapors from area.

## SECTION 6- FIRE AND EXPLOSION DATA

Flash Point >300°F

Extinguishing Media: Use water extinguishing media. Flooding amounts of water In early stages of fire.

Fire Fighting Personal Equipment: Fire fighters should be equipped with self contained air apparatus and turn out gear.

Unusual Hazards: None

## SECTION 7- REACTIVITY DATA

Stability Data:	Stable
Incompatibility:	Acids, Isocyanates
Hazardous Decomposition:	CO, CO2, Nox
Corrosive Properties:	Not Corrosive
Oxidizing Properties:	Not an oxidizer

## SECTION 8- SPILL AND ENVIRONMENTAL

Spill: All spills need to be contained, solidified with absorbent speedy dry type product. Clean up material needs to put in suitable container for disposal by licensed facility. This product is not regulated by RCRA or CERCLA (superfund).

Waste Disposal: **Do not discharge into waterways or sewer system.** Discharge in land fill or incinerate in licensed facility. Check with local regulations for proper disposal.

Container Disposal: Dispose of metal drums at licensed facility.

## SECTION 9- STORAGE AND HANDLING

Keep containers closed when not in use. Store in dry area at 50 to 85°F.  
Product is non flammable.

## SECTION 10- REGULATORY INFORMATION

TSCA Inventory Status:	List on Inventory
Hazardous Waste Number	NA
HMIS Hazard Ratings:	Health 1      Fire 1    Reactivity 0    Special NA

## SECTION 11- TRANSPORTATION INFORMATION

Technical Shipping Name:	Polyol Blend, Synthetic plastic resin
DOT hazard classification:	Non Hazardous, Not regulated
Freight Class:	55
Product Label:	"B" side component
Placards Required:	NONE

**Important Notice:** This information is provided as a guideline for the product described in this MSDS. All information is provided in good faith and believed to be accurate. Many factors may affect the processing of this product. Some of them may not be in the control of the company providing this chemical blend. No warranties of any kind, either expressed or implied, including warranties of the product are made by this document. In no case shall the information or data provided in the MSDS be part of a condition of sale of this product. Purchaser assumes all liability for the use of this product at time of sale for applications that they are engaged in. Therefore purchaser accepts that this information is correct to the best of our knowledge and that purchaser accepts this product at their own risk.