

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

Manufacturer's name and address: Confidential

Supplier's name and address:

Jones Stephens South  
3249 Moody Parkway  
Moody, AL 35004

Jones Stephens North  
50 Keystone Blvd. East  
Pottsville, PA 17901

Jones Stephens West  
28624 Witherspoon Parkway  
Valencia, CA 91355

PHONE: 800-355-6637  
FAX: 800-462-6991

Website Address: [www.jonesstephens.com](http://www.jonesstephens.com)

Product Identifier: Polyethylene Foam Insulation; Black Semi-Slit Polyethylene, Black Self-Sealing Polyethylene, White Self-Sealing Polyethylene, Black Polyethylene ELLs and TEEs

Chemical Name: Polyethylene Foam

Recommended Use: Pipe Insulation

### SECTION 2 – HAZARD(S) IDENTIFICATION

Hazardous Ingredient: This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200C by which it is categorized as a "Non-Hazardous Chemical", and is exempt from the requirements of the OSHA Hazard Communication Standard.

This Safety Data Sheet contains important information related to the safe handling, use and disposal of this product.

A flammable hydrocarbon gas is used as a blowing agent in Polyethylene Foam. Trace amounts of this gas may be present in the product at the time of shipment.

### SECTION 3 – COMPOSITION / INFORMATION OF INGREDIENTS

Description: Polyethylene closed-cell foam. Available in pre-formed pipe, rolls and sheets of various dimensions.

<b>Ingredient</b>	<b>CAS Number</b>	<b>Concentration</b>
Polyethylene	9002-88-4	85 – 100%
Isobutane	75-28-5	0 – 10%
Other proprietary ingredients	Not Applicable	0 – 15%

The specific chemical composition and percentage concentrations have been withheld as a trade secret.

#### **SECTION 4 – FIRST-AID MEASURES**

Inhalation: Not applicable.

Skin Contact: Not applicable.

Eye Contact: Not applicable

Ingestion: Not applicable.

#### **SECTION 5 – FIRE-FIGHTING MEASURES**

Extinguishing Media: No restrictions. Water, CO<sub>2</sub>, Dry Chemical, Foam.

Special Firefighting Procedures: Recommend NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing be worn.

Decomposition Products: Do not breathe fire gases. Emits toxic fumes under fire conditions due to incomplete combustion.

#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Not applicable.

Emergency Procedures: Not applicable.

#### **SECTION 7 – HANDLING AND STORAGE**

Hints for Safe Handling: None.

Hints for Fire and Explosion Protection: Do not store large quantities of material in unventilated areas such as trailers to prevent accumulation of residual isobutane gas. Keep away from sparks and open flame.

Hints for Separation of Incompatible Materials: None.

Storage Recommendations: Avoid storage in confined areas. Store in a cool, dry location under normal temperature and humidity conditions (50-70% RH and 32 - 95°F, 0-35°C). Store away from direct sunlight and hot pipes.

Fabricating recommendations: Provide adequate ventilation to assure that the isobutane concentrations remain *below* the ACGIH threshold limit value (TLV) of 800 ppm and the LFL / LEL of 1.8% in air by volume.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Medical Conditions                      Not applicable.  
Aggravated by Exposure:

Skin Protection:                              Not applicable.

Eye Protection:                                Not applicable.

Respiratory Protection:                      Not applicable.

General Health Measures:                    Not applicable.

Engineering Controls:                        Provide general or local ventilation to control fumes and vapors in confined areas.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:                                    Sheets, rolls, and tubes; some with self-adhesive seams.

Color:    Black, white.

Odor:     Negligible to no odor.

Melting Point:                                  Not applicable.

Boiling Point:                                   Not applicable.

Lower Explosion/Flammability Limit:    1.8 (Isobutane, % by volume in air).

Upper Explosion/Flammability Limit:    9.6 (Isobutane, % by volume in air).

Vapor Pressure @ 20°C:                      Not applicable.

Vapor Density (Air = 1):                      Not applicable.

Solubility: Insoluble.  
Density: 1.0 - 3.0 lbs./ft.<sup>3</sup>  
Flash Point: 117°F (Isobutane).

### SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.  
Reactivity: Non-reactive.  
Incompatibility: Strong oxidizing agents.  
Decomposition Products: No decomposition when used as recommended. Combustion by-products include CO, CO<sub>2</sub> and other toxic gases.  
Conditions to Avoid: Avoid open flames.

### SECTION 11 – TOXICOLOGICAL INFORMATION

Effects on short- and long term exposure: When used and handled according to specification, the product does not have any harmful effect to the best of our knowledge.

### SECTION 12 – ECOLOGICAL INFORMATION

Classified as non-hazardous to waters.

### SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Recycle waste or dispose of in accordance with applicable local, state, and federal regulations.

### SECTION 14 – TRANSPORT INFORMATION

DOT Shipping Requirements: Not regulated.  
IATA Shipping Requirements: Not regulated.

Additional transportation information may be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, rules and regulations relating to the transportation of the material.

To prevent potential fire or explosion, do not weld or apply intense heat to containers or trailers that contain this product. Open closed containers in a well ventilated area away from sparks or open flame.

## **SECTION 15 – REGULATORY INFORMATION**

OSHA Status: Not hazardous per Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

CERCLA RQ: None.

REACH Regulation (EC) 1907/2006: No labeling required.

Canadian Regulations: This is not a "Controlled Product" under WHMIS.

California Proposition 65: This product does not require a warning label under California Proposition 65.

## **SECTION 16 – OTHER INFORMATION**

Revised March, 2018. The information and recommendations contained herein are based upon data that is accurate and reliable, to the best of our knowledge and belief. With respect to information and recommendations, Jones Stephens makes no representations or warranties of any kind or nature, expressed or implied.