



SAFETY DATA SHEET

Polyethylene Pipe Insulation

REVISION: 04/04/2017

REPLACES: 09/07/2016

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

PRODUCT NAME Pre-slit Tubular, Polyethylene pipe insulation

DESCRIPTION Pre-slit Tubular, polyethylene foam pipe insulation

RECOMMENDED USE Pipe insulation

MANUFACTURER /DISTRIBUTOR Thermwell Products Co., Inc
420 Route 17 South
Mahwah, NJ 07430
www.frostking.com
800-299-5700

CONTACT INFORMATION Thermwell Products Co., Inc
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2. HAZARDS IDENTIFICATION

This product is considered an article according to 29 CFR 1910.1200 by which it is categorized as a "Non Hazardous Chemical." As such, it is exempt from the requirements of the OSHA Hazard Communication Standard.

While this product is classified as a "Non Hazardous Chemical" as defined by OSHA Hazard Communication, this Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
Polyethylene	9002-88-4	85 – 100%
Isobutane	75-28-5	0 – 10%
Other proprietary additives	N/A	0 – 15%

The specific chemical composition and concentrations have been withheld as trade secrets

4. FIRST-AID MEASURES

IN CASE OF INHALATION Not applicable

IN CASE OF SKIN CONTACT Not applicable



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IN CASE OF EYE CONTACT Not applicable

IN CASE OF INGESTION Not applicable

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Unrestricted, Flashpoint: Isobutene is 117°F. Range: LEL =1.6% by volume UEL 8.4% by volume.

SPECIAL EXPOSURE HAZARDS ARISING FROM THE PREPARATION Fire gases, do not breathe. Emits toxic fumes under fire conditions because of incomplete incineration. In the case of fire wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS Not applicable

ENVIRONMENTAL PRECAUTIONS Not applicable

METHODS FOR CLEANING UP / TAKING UP Take up mechanically.

7. HANDLING AND STORAGE

HINTS FOR SAFE HANDLING None

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE, FLAMMABLE VAPORS OF ISOBUTANE MAY BE GENERATED DURING UNVENTILATED STORAGE OF LARGE AMOUNTS OF THIS PRODUCT (FOR EXAMPLE IN STORAGE TRAILERS)
WARNING: TO PREVENT THE BUILD-UP OF FLAMMABLE VAPORS, DO NOT STORE LARGE QUANTITIES OF THIS PRODUCT IN UNVENTILATED SPACES

HINTS FOR SEPARATION OF INCOMPATIBLE PRODUCTS None

FURTHER INFORMATION ON STORAGE CONDITIONS Can be stored in clean, dry rooms under normal conditions with respect to humidity (50 - 70 %) and surrounding temperature of 32 °F – 95 °F (0 °C - 35 °C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL HEALTH MEASURES Not applicable

RESPIRATORY PROTECTION Not applicable

HAND PROTECTION Not applicable

EYE PROTECTION Not applicable



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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Tubes in various ID's and Wall thickness with and without self adhesive closure strips
COLOR	Dark grey, White
ODOR	Characteristic
MELTING POINT	Not applicable
BOILING POINT	Not applicable
LOWER EXPLOSION LIMIT	1.6% by volume
UPPER EXPLOSION LIMIT	8.4% by volume
DENSITY AT 73 °F (23 °C)	1.0 – 3 lb/ ft ³ (16 – 48 kg/ m ³)
WATER SOLUBILITY 73 °F (23 °C)	Insoluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Avoid open flames.
HAZARDOUS REACTION	No dangerous reactions known.
HAZARDOUS DECOMPOSITION PRODUCTS	No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

EXPERIENCE MADE IN PRACTICE	When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge.
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12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION	The product is classified non-hazardous to waters.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL PRODUCT	Dispose waste according to applicable local, state and federal regulations.
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14. TRANSPORT INFORMATION

TRANSPORT BULK SHIPMENTS OF THIS PRODUCT IN VENTILATED TRAILERS ONLY.

WARNING: TO PREVENT POTENTIAL FIRE OR EXPLOSION, DO NOT WELD OR APPLY INTENSE HEAT TO CLOSED CONTAINERS WHICH CONTAIN THIS PRODUCT. OPEN CLOSED CONTAINERS IN A WELL-VENTILATED AREA AWAY FROM SPARKS OR OPEN FLAMES.

WARNING: THIS PRODUCT IS COMBUSTIBLE AND SHOULD NOT BE EXPOSED TO SPARKS OR OPEN FLAMES. LARGE QUANTITIES OF THIS PRODUCT CAN BURN RAPIDLY AND RELEASE TOXIC GASES, INCLUDING CARBON MONOXIDE.

WARNING: FABRICATION METHODS INVOLVING CUTTING OF THIS PRODUCT MAY RELEASE ISOBUTANE REMAINING IN THE FOAM CELL STRUCTURE. PROVIDE ADEQUATE VENTILATION TO INSURE THAT THE ISOBUTANE CONCENTRATIONS REMAIN BELOW THE ACGIH THRESHOLD LIMIT VALUE (TLV) OF 800 PPM AND LOWER FLAMMABLE LIMIT OF 1.8% IN AIR BY VOLUME TO PROTECT WORKERS AND ELIMINATE THE POSSIBILITY OF DEVELOPING FLAMMABLE OR HAZARDOUS CONCENTRATIONS.

OTHER PRECAUTIONS: N/A. WORK SITE ENVIRONMENT: N/A.

15. REGULATORY INFORMATION

This product does not require labelling in terms of REACH regulation (EC) 1907/2006

16. OTHER INFORMATION

The data in this safety data sheet describe the safety requirements of our product based on our current level of knowledge and may not be considered to guarantee any product properties and it is sufficient for **United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS) standard**. However, we have no knowledge of or control over the working conditions. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.