



# ALUMINUM/POLYKRAFT PRODUCTS

(LAMINATED OR PAINTED)

Standard Metal Industries, LLC  
500 S. 9th Street  
Lehighton, PA 18235  
(610) 377-5400 Phone  
(610) 377-9500 Fax  
service@smimetal.com

SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

**Trade Name:** Standard Metal Industries, LLC Aluminum Products  
**Product Use:** Pipe and Tank Insulations Jacketing  
**Manufacturer:** Standard Metal Industries, LLC  
500 South 9th Street  
Lehighton, PA 18235  
**Telephone Number:** 610-377-5400  
**For Technical Information:** 610-377-5400

## SECTION 2: HAZARDS IDENTIFICATION

Identifiable Components:	CAS#	OSHA PEL	ACGIH TLV
None	NA	NA	NA

Aluminum products covered by this SDS are articles and present no health hazard in their solid state during use, storage, and transportation. Aluminum is only considered "hazardous" by OSHA when in fume or dust form. Our aluminum products are manufactured and used in roll or sheet form and have no fumes or dust associated with them.

**HMIS Ratings** (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)  
Health - 0    Fire - 0    Reactivity - 0    Unusual Hazards - 0

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	% by Weight
Aluminum Alloy	NA	90-96
Polyethylene Homopolymer	9002-88-4	1-2
Polymers	Proprietary	0-3
Kraft Paper	NA	2-6

## SECTION 4: FIRST AID MEASURES

**Routes of Entry:** Eye Contact - NA    Inhalation - NA  
Skin Contact - NA    Ingestion - NA

**Emergency and First Aid Procedures:** NA

## SECTION 5: FIRE FIGHTING MEASURES

**Flash Point:** NA (Aluminum is not combustible. The polymers will burn away in a fire, but will not burn independently.)  
**Flammable Limits:** LEL - NA    UEL - NA  
**Extinguishing Media:** Use any extinguishing media appropriate for surrounding fires  
**Fire Fighting Instructions:** Use self-contained breathing apparatus in a sustained fire  
**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide  
**Unusual Fire and Explosion Hazards:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps to be taken in Case Material is released or spilled:** NA  
**Waste Disposal Method:** Recycle scraps or dispose to an approved dry waste dump





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### SECTION 7: HANDLING AND STORAGE

Precautions to be taken in

**Handling and Storing:** Store in a clean, dry place. Avoid generating dust.  
 Avoid contact with sharp edges

**Other Precautions:** None

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection (Specify Type):** NA  
**Ventilation:** NA  
**Local Exhaust:** NA  
**Mechanical (General):** NA  
**Special:** NA  
**Other:** NA  
**Protective Gloves:** Protective gloves recommended avoiding cuts by sharp edges

**Eye Protection:** Safety glasses for good industrial practice.

**Other Protective Clothing or Equipment:** None required

**Work/Hygienic Practices:** Unnecessary

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** NA  
**Vapor Pressure: (mm Hg)** NA  
**Melting Point:** Aluminum 1150-1220 °F (621-660 °C),  
 Polyethylene: 230-276 °F (110-136 °C)

**Specific Gravity: (H<sub>2</sub>O=1)** 2.50-2.73  
**Solubility in Water:** Insoluble  
**Vapor Density: (Air=1)** NA  
**Appearance and Odor:** Metallic; No Odor  
**Evaporation Rate: (Butyl Acetate=1)** NA

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions to Avoid:** None Known  
**Incompatibility (Materials to Avoid):** None Known  
**Hazardous Decomposition or Byproducts:** None Known  
**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** None Known

### SECTION 11: TOXICOLOGICAL INFORMATION

**Health Hazards (Acute and Chronic):** None Known  
**Carcinogenicity:** Not a carcinogen  
**Signs and Symptoms of Exposure:** NA  
**Medical Conditions Generally Aggravated by Exposure:** NA



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### SECTION 12: ECOLOGICAL INFORMATION

Aluminum in the solid form, such as coils, does not present any hazard to the environment. Aluminum can be fully recycled.

### SECTION 13: DISPOSAL CONSIDERATIONS

Reuse or recycle material whenever possible. If reuse or recycle is not possible, disposal must be in accordance with local, state and federal regulations.

### SECTION 14: TRANSPORT INFORMATION

This product, as shipped, is not regulated by the US Department of Transportation as a hazardous material.

### SECTION 15: OTHER INFORMATION

Supersedes – March 10, 2014  
Revised – April 08, 2015

To the best of SMI's knowledge and believe, the information contained herein has been prepared in good faith to comply with applicable federal and state law(s). However, no warranty of any kind is given or implied, and SMI will not be responsible for any damages, losses or injuries that may result from the use of any information contained herein. Since conditions of use are beyond SMI's control, the user assumes all responsibility and risk.



Please Recycle