



ALUMINUM/PLASTIC 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 Stainless Steel 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	93-98
Polyethylene Homopolymer	9002-88-4	1-3
Polymers	Proprietary	2-5

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: (H₂O=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



Please Recycle



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(Information supplied in accordance with OSHA Form 174)

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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