



# STAINLESS STEEL/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: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

Solid Stainless Steel products covered by this SDS are articles and present no health hazard in their solid state during use, storage, and transportation. Stainless steel is only considered "hazardous" by OSHA when in fume or dust form. Our stainless steel 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
Stainless Steel	NA	96-99
Polyethylene Homopolymer	9002-88-4	0.5-1.5
Polymers	Proprietary	1-3

## 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 (Stainless steel 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 and acroleins are produced in small amounts at high temperatures.

**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

<b>Precautions to be taken in Handling and Storing:</b>	Store in a clean, dry place. Avoid generating dust. Avoid contact with sharp edges
<b>Other Precautions:</b>	None

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory Protection (Specify Type):</b>	NA
<b>Ventilation:</b>	NA
<b>Local Exhaust:</b>	NA
<b>Mechanical (General):</b>	NA
<b>Special:</b>	NA
<b>Other:</b>	NA
<b>Protective Gloves:</b>	Protective gloves recommended avoiding cuts by sharp edges
<b>Eye Protection:</b>	Safety glasses for good industrial practice
<b>Other Protective Clothing or Equipment:</b>	None required
<b>Work/Hygienic Practices:</b>	Unnecessary

## SECTION 9: PHYSICAL / CHEMICAL PROPERTIES

<b>Boiling Point:</b>	NA
<b>Vapor Pressure: (mm Hg)</b>	NA
<b>Melting Point:</b>	Stainless Steel 2500-2760 °F (1371-1516 °C), Polyethylene: 230-276 °F (110-136 °C)
<b>Specific Gravity: (H<sub>2</sub>O=1)</b>	7.5-8.0
<b>Solubility in Water:</b>	Insoluble
<b>Vapor Density: (Air=1)</b>	NA
<b>Appearance and Odor:</b>	Metallic; No Odor
<b>Evaporation Rate: (Butyl Acetate=1)</b>	NA

## SECTION 10: STABILITY AND REACTIVITY

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

## SECTION 11: TOXICOLOGICAL INFORMATION

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

## SECTION 12: ECOLOGICAL INFORMATION

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





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### **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

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Please Recycle