



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

MATERIAL SAFETY DATA SHEET

**ALUMINUM BANDING & SEALS**

**SECTION 1: PRODUCT IDENTIFICATION**

**Trade Name:** Standard Metal Industries, LLC Aluminum Products  
**Manufacturer:** Standard Metal Industries, LLC  
 500 South 9th Street  
 Lehigh, PA 18235  
**Telephone Number:** 610-377-5400  
**For Technical Information:** 610-377-5400

**SECTION 2: COMPONENTS/ INFORMATION ON INGREDIENTS**

Component	CAS No.	% by Weight
Aluminum Alloy	NA	100

**SECTION 3: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

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

Solid Aluminum products covered by this MSDS 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.

**SECTION 4: PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling point:</b>	NA
<b>Vapor Pressure: (mm Hg)</b>	NA
<b>Melting Point:</b>	1150-1220° F (621-660° C)
<b>Specific Gravity: (H<sub>2</sub>O=1)</b>	2.73
<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 5: FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point:</b>	NA (Aluminum is not combustible)
<b>Flammable Limits:</b>	LEL - NA UEL - NA
<b>Extinguishing Media:</b>	Use any extinguishing media appropriate for surrounding fires
<b>Fire Fighting Instructions:</b>	Use self-contained breathing apparatus in a sustained fire
<b>Hazardous Combustion Products:</b>	NA
<b>Unusual Fire and Explosion Hazards:</b>	None

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





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**SECTION 6: REACTIVITY DATA**

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

**SECTION 7: HEALTH HAZARD DATA**

**Routes of Entry:** Eye Contact - NA Inhalation - NA  
 Skin Contact - NA Ingestion - NA  
**Health Hazards (Acute and Chronic):** None Known  
**Carcinogenicity:** Not a carcinogen  
**Signs and Symptoms of Exposure:** NA  
**Medical Conditions Generally Aggravated by Exposure:** NA  
**Emergency and First Aid Procedures:** NA

**SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE**

**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  
**Precautions to be taken in Handling and Storing:** Store in a clean, dry place  
**Other Precautions:** None

**SECTION 9: CONTROL MEASURES**

**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 10: TRANSPORT INFORMATION**

DOT (USA): Not regulated

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