



ALUMINUM/POLYSURLYN 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

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Trade Name: Standard Metal Industries, LLC Aluminum Products
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: COMPONENTS/ 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 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

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 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA (Aluminum is not combustible. The paper and 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, acroleins are produced in small amounts at high temperatures.
Unusual Fire and Explosion Hazards: None

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



Please Recycle



Standard Metal Industries, LLC
 500 S. 9th Street
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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
Conditions to Avoid: None Known

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 ANDLING 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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