



Standard Metal Industries, LLC  
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 service@smimetal.com

MATERIAL SAFETY DATA SHEET

**STAINLESS STEEL/POLYKRAFT PRODUCTS**  
 (LAMINATED OR PAINTED)

**SECTION 1: PRODUCT IDENTIFICATION**

**Trade Name:** Standard Metal Industries, LLC Stainless Steel 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
Stainless Steel	NA	94-98
Polyethylene	9002-88-4	0.5-1.5
Kraft Paper	NA	1-4
Polymers	Proprietary	0.5-1.5

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

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

Solid Stainless Steel products covered by this MSDS 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.

**SECTION 4: PHYSICAL/CHEMICAL CHARACTERISTICS**

**Boiling Point:** NA  
**Vapor Pressure: (mm Hg)** NA  
**Melting Point:** Stainless Steel 2500-2760 °F (1371-1516 °C),  
 Polyethylene: 230-276 °F (110-136 °C)  
**Specific Gravity: (H<sub>2</sub>O=1)** 7.5-8.0  
**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 (Stainless steel 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  
**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



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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

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.



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