

Hohmann & Barnard, Inc.

Material Safety Data Sheet

*** Aluminum Brick Vents & 343W Weep Vents ***

Hohmann & Barnard, Inc.
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Hauppauge, NY 11788

SECTION 1 - IDENTITY

Common Name (used on label) (Trade name & synonyms):	VARIOUS COLORS OF COATED ALUMINUM SHEET, COIL
Cas no.:	N/A
Chemical name:	COATED ALUMINUM SHEET, COIL
Chemical family:	ALUMINUM
Formula:	Al

SECTION 2 - HAZARDOUS INGREDIENTS

Contains organic baked resins and may contain one or more of the following: (for bare aluminum, refer to colored metals, inc. Material Safety Data Sheet covering specific alloy)

CHEMICAL AND COMMON NAME(S)	THRESHOLD LIMIT VALUE MG/M ³
TITANIUM DIOXIDE	10.0
LEAD CHROMATE	.2
CHROMIUM	.15
LEAD MOLYBDATE	.5
ANTIMONY	.5
LEAD	.05
NICKEL	1.0
STRONTIUM CHROMATE	.1
ZINC CHROMATE	.1
COBALT	.1
COPPER	1.0
IRON	5
CARBON BLACK	3.5
SILICA-AMORPHOUS	6.0

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

Boiling Point: N/A	Specific Gravity (H ₂ O=1): 2.7	Vapor Pressure (mm Hg): N/A
Percent Volatile by Volume: 0%	Vapor Density (Air = 1): N/A	Evaporation Rate: N/A
Solubility in Water: INSOLUBLE	Reactivity in Water: NONE IN SOLID STATE	
Appearance and Odor: SILVERY, DUCTILE METAL (SOLID) COATED WITH VARIATIONS OF COLORS, ODOR: - NONE.		
Flash Point: N/A	Flammable Limits in Air % by Volume: N/A	
Extinguisher Media: DOES NOT BURN	Auto-Ignition Temperature: N/A	
Special Fire Fighting Procedures: IN SHEET, OR COIL FORM, MATERIAL DOES NOT BURN. IN POWDER OR CHIP FORM, USE DRY POWDER OR SAND. DO NOT USE WATER OR HALOGEN EXTINGUISHING AGENT.		
Unusual Fire and Explosion Hazards: WATER, OXIDIZERS AND MANY OTHER CHEMICALS REACT EXPLOSIVELY IN CONTACT WITH MOLTEN ALUMINUM. FINE CHIPS, TURNINGS, AND DUSTS IN AIR MAY EXPLODE IF IGNITION SOURCE IS PRESENT.		

SECTION 4 - PHYSICAL HAZARDS

Stability:	Unstable		Stable	X	
Conditions to Avoid: COATED ALUMINUM SHEET, OR COIL IS A STABLE MATERIAL.					
Incompatibility (Materials to Avoid): FINELY DIVIDED ALUMINUM MAY REACT WITH WATER, STRONG OXIDIZERS, ACIDS, ALKALIES AND HALOGENATED COMPOUNDS -- RESULTS IN HYDROGEN EVOLUTION					
Hazardous Decomposition Products: NONE IN SOLID STATE					
Hazardous Polymerization:	May Occur		Will Not Occur	X	
Conditions to Avoid: POLYMERIZATION WILL NOT OCCUR					

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value: PLEASE NOTE SECTION 2					
Signs and Symptoms of Exposure:					
1. Acute Overexposure: SHORTNESS OF BREATH FROM INHALATION OF ALUMINUM DUST.					
2. Chronic Overexposure: MAY AGGRAVATE BRONCHIAL CONDITIONS.					
Medical Conditions Generally Aggravated by Exposure: RESPIRATORY ILLNESS.					
Chemical Listed as Carcinogen or Potential Carcinogen: NO					
National Toxicity Program	Yes		No	X	
I.A.R.C. Monographs	Yes		No	X	
OSHA:	Yes		No	X	
OSHA Permissible Exposure Limit: SEE SECTION 2	ACGIH Threshold Limit Value: SEE SECTION 2				
Other Exposure Limit Used:					
Emergency and First Aid Procedures:					
1. Inhalation: Fumes/Dust - REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.					
2. Eyes: Fumes/Dust - FLUSH WITH WATER. GET MEDICAL ATTENTION.					
3. Skin: Molten State - USE COPIUS AMOUNTS OF POTABLE WATER ON EXPOSED AREAS.					
4. Ingestion: N/A					

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): NONE FOR SOLID STATE. IF DUST, FUMES, FINES, TURNINGS OR POWDER ARE PRESENT, USE NIOSH APPROVED RESPIRATOR.
Ventilation: AS REQUIRED FOR DUST/FUME PRODUCING OPERATIONS.
Protective Gloves: USE STRONG INDUSTRIAL GLOVES TO AVOID LIMB INJURIES.
Eye Protection: USE SAFETY GLASSES IN ALL INDUSTRIAL OPERATIONS.
Other Protective Clothing or Equipment: SPECIAL CLOTHING REQUIRED WHEN HANDLING MOLTEN ALUMINUM. (SEE SECTION 7)

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: HANDLE MOLTEN ALUMINUM ACCORDING TO ALUMINUM ASSOCIATION'S "GUIDELINES FOR HANDLING MOLTEN ALUMINUM."
Other Precautions: STORE DROSS IN A DRY PLACE. A METHANE AND AMMONIA MAY BE FORMED IN A WET ATMOSPHERE. OZONE AND METAL FUME IS FORMED IN WELDING.
Steps to be Taken in Case Material is Released or Spilled: COATED ALUMINUM IN SOLID STATE CANNOT SPILL. USE STRONG INDUSTRIAL GLOVES TO RETRIEVE SIDE TRIM, DUST, ETC. COATING MAY BURN IF EXPOSED TO HIGH TEMPERATURE.
Waste Disposal Methods: COLLECT SCRAP FOR REMELTING.