

25311 - Alum Bs.

**AUTO-AIR
COLORS™****MATERIAL SAFETY DATA SHEET****PRODUCT IDENTIFICATION**

Revision Date: 11/6/2012

IDENTITY: (As used on label)		Synonyms:	
Auto Air Aluminum Base Items#: 4101, 4102 & 4103			
Chemical Family:	Formula		
	Aqueous dispersion of aluminum metallic dispersion.		

HAZARDOUS INGREDIENTS

COMPONENT	CAS#	% by weight	OSHA/PEL
Aluminum Powder (Stabilized)	7429-90-5	.03%	30oz/1000

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling/Melting Point: 200° - 215° F
Solubility in Water: water expendable
Vapor Pressure (mm Hg): N/A
Vapor Density: 1
Specific Gravity (H₂O-1) : 1.1
Evaporation Rate: (BuAct=1): 1
V.O.C. 0.75 (lbs/gal)
Appearance and Odor: Liquid, slight acrylic odor

FIRE AND EXPLOSION HAZARD DATA

Extinguisher Media: CO2 Foam/Dry Powder
Fire Fighting Procedures: DO NOT use water or halogenated hydrocarbons
Unusual Fire and Explosion Hazards: Combustible-Class IIIB, Flash Point >200 F

REACTIVITY DATA

Stability: () Stable () Unstable Conditions to avoid: Extreme heat, acids & alkalis
Incompatibility (materials to avoid): N/A
Hazardous Decomposition of Byproducts: Carbon dioxide, carbon monoxide
Hazardous Polymerization: () may occur (X) will not occur Conditions to avoid: NA

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Auto Air Colors - 14 Airport Park Road, East Granby, CT 06026
800.509.6563 phone 860.653.0643 fax
HEALTH INFORMATION

Primary Route of Exposure: Inhalation: Skin: X Ingestion: X Eyes: X
Carcinogen: IARC: no NTP: no OSHA: no
Signs and Symptoms of Exposure: none found
Medical Conditions Generally Aggravated by Exposure: none found
Emergency and First Aid Procedure: <u>Eye Contact:</u> Flush with water for 15 minutes and consult physician if irritation persists. <u>Ingestion:</u> If victim is conscious, give water. DON'T induce vomiting. Call physician. <u>Inhalation:</u> Immediately remove person from contaminated area to fresh air. If unconscious, keep breathing passage open. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. Get medical assistance as soon as possible.

SPECIAL PROTECTION DATA

Respiratory Protection: Wear a NIOSH/MSHA approved respirator with adequate ventilation.
Ventilation: Always use with adequate ventilation.
Protective Gloves: Use rubber gloves if handling.
Other Protective Clothing: No special clothing normally required. Where use can result in skin contact, wash thoroughly before eating, drinking, smoking.
Storage & Handling: Avoid spillage. Transfer aluminum ink with non-sparking tools. Insure that all equipment is grounded. Minimize breathing vapors and contact with skin. Store all bottles in a cool, dry area. DO NOT store near oxidizers or combustible materials. Keep container closed when not in use.
Warning: Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as "auto ignition: or ignition" temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time, and are influenced by pressure changes. Ignition may occur at typical elevated temperature process conditions, especially in processes operation under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape or vapors or mists to the atmosphere occurs. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operation conditions are established and maintained.

SPILL AND LEAK PROCEDURES

Steps to be taken in case of material spill:

Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal. Wash area with soap and water. Keep spill out of sewers and open bodies of water.

Storing/Handling:

Keep container closed when not in use.

Waste Disposal Method:

Sanitary landfill in accordance with local, state and federal regulations.

Other Precautions:

none