



Material Safety Data Sheet

Omega-lite®, Alumalite®, Econolite®, D-lite®

1. Product Identification

Manufacturer Name and Address: Laminators Incorporated
3255 Souderton Pike
Hatfield, PA 19440
Emergency Phone: (215) 723-8107
Product Name: Alumalite®
Omega-lite®
Econolite®
D-lite®
Synonyms: Architectural Wall System or Curtain Wall System
Window Infill Panel or Glazing Panel (opaque)
Prefinished Architectural Siding
Prefinished Signage
Date Prepared: 3/10/97
Date Revised: 3/10/97
MSDS Number: AL-OL

2. Hazardous Ingredients / Identity Information

Chemical or Common Name:	Percent	CAS#
Core Materials:	Panels utilize a polymer composite core	
Polymer Composite:	42.2 – 59.2%	None
Face / Back Materials:	(.010" text. alum: .024" or .025" smooth aluminum)	
Aluminum Overlays:	20.5 – 47.8%	7429-90-5
Aluminum Dust or Oxide Exposure Limits:		
OSHA PEL-TWA	15 mg/m ³ (Total Dust)	
OSHA PEL-TWA	5 mg/m ³ (Respirable Dust)	
ACGIH TLV-TWA	10 mg/m ³ (Total Dust)	
Adhesive (Epoxide and Modified Amine):	12 – 15%	None
Adhesive Exposure Limits:		
OSHA PEL-TWA	None	
OSHA PEL-STEL	None	

Appearance and Odor: These panels have little or no odor.

Product Descriptions: (Component Percentages – Alum / Core / Adh.)

Aluminum Overlaid, Polymer Composite Panel (35.2 / 59.2 / 5.6)

Other precautions: A NIOSH / MSHA-approved respirator and goggles should be worn when the allowable exposure limits may be exceeded. All "hotwork" (welding, cutting) should be done under adequate ventilation to remove fumes and gases.

7. Health Hazard Data

Primary Route(s) of Exposure:

() Ingestion

(X) Skin: Dust

(X) Inhalation: Dust

Acute Health Hazards:

Signs and Symptoms of Exposure / Emergency and first aid procedures:

Ingestion: Not applicable under normal use.

Eye Contact: Wood dust or aluminum shavings (fine) may cause mechanical irritation. Treat dust in eye as foreign object. Flush with water to remove dust particle. Get medical help if irritation persists.

Skin Absorption: Not known to occur under normal use.

Inhalation: Wood dust may cause unpleasant deposit / obstruction in the nasal passages, resulting in dryness of nose, dry cough and headaches. Remove to fresh air. Get medical help if persistent irritation, severe coughing, or breathing difficulty occurs.

Medical conditions generally aggravated by exposure: Wood dust may aggravate preexisting respiratory conditions or allergies.

Chronic health hazards: Wood dust(s), depending on the species (for example, iroko, cocobolo), may cause allergic contact dermatitis on prolonged, repetitive contact, and respiratory sensitization after prolonged exposure to elevated dust levels (for example, western red cedar). Wood dust has been alleged to cause nasal / paranasal sinus cancer (certain European hardwoods: oak and beech).

Carcinogenicity Listing:

() NTP: Not Listed

() IARC Monograph: Not Listed

() OSHA Regulated: Not Listed

8. Personal Protective Equipment:

Respiratory Protection: Not applicable for product in purchased form. However, a NIOSH / MSHA-approved respirator is recommended when the allowable exposure limits may be exceeded.

Protective Gloves: Not required. However, cloth, canvas or leather gloves are recommended to minimize cut, metal slivers and / or mechanical irritation from handling product.

Eye Protection: Not applicable for product in purchased form. Goggles or safety glasses are recommended when machining this product.

Other Protective Clothing or Equipment: Not applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas.

Work / Hygienic Practices: Follow good hygienic and housekeeping practices. Cleanup areas where wood dust settles to avoid excessive accumulation of this combustible material. Minimize blowdown or other practices which generate high airborne-dust concentrations.

Ventilation:

Local Exhaust: Provide local exhaust as needed so that exposure limits are met.

Mechanical (general): Provide local exhaust as needed so that exposure limits are met.

Special: Self-contained breathing apparatus (SCBA) recommended when fighting fire.

Other: NAP

9. User's Responsibility

The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the users' responsibility to determine if this information is suitable for their applications and to follow safety precautions as may be necessary. The user has the responsibility to make sure that this sheet is the most up-to-date issue.

10. Additional Information

ACGHI = American Conference of Governmental Industrial Hygienists

C	=	Ceiling Limit
CAS#	=	Chemical Abstracts System Number
IARC	=	International Agency for Research on Cancer
MSHA	=	Mining Safety and Health Administration
NAP	=	Not Applicable
NAV	=	Not Available
NIOSH	=	National Institute for Occupational Safety and Health
NTP	=	National Toxicology Program
OSHA	=	Occupational Safety and Health Administration
PEL	=	Permissible Exposure Limit
STEL	=	Short Term Exposure Limit (15 minutes)
TLV	=	Threshold Limit Value
TWA	=	Time-Weighted Average (8 hours)