

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY AlumaMark	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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Section I

Manufacturer's Name HORIZONS INCORPORATED, Metalphoto Division	Emergency Telephone Number (216) 475-0555
Address (Number, Street, City, State, and ZIP Code) 18531 South Miles Road	Telephone Number for Information (216) 475-0555
Cleveland, OH 44128	Date Prepared 5/9/2003
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Aluminum sheet	CAS7429-90-5	(only hazardous as dust)		84-96
Aluminum oxide	CAS1344-28-1	(only hazardous as dust)		4-15
Non-hazardous Components				

This product contains no toxic chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A

Solubility in Water

Nil

Appearance and Odor

Metal plates, silver or gold: odorless.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	UEL
		N/A	N/A	N/A

Extinguishing Media

Not Flammable

Special Firefighting Procedures

None

Unusual Fire and Explosion Hazards

None Known

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	X	

Incompatibility (Materials to Avoid)

Avoid contact with strong acids and caustics

Hazardous Decomposition or Byproducts

Thermal decomposition may produce oxides of carbon and nitrogen

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Not expected	Skin? Not expected	Ingestion? Not expected
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Health Hazards (Acute and Chronic)

None known

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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This product may contain trace quantities of formaldehyde, a chemical known to the State of California to cause car

Signs and Symptoms of Exposure

None known

Medical Conditions

Generally Aggravated by Exposure

None known

Emergency and First Aid Procedure

None expected**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

N/A

Waste Disposal Method

N/A

Precautions to be Taken in Handling and Storage

None

Other Precautions

None**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Not normally required

Ventilation	Local Exhaust Recommended during laser imaging	Special None
	Mechanical (General) Not required	Other None

Protective Gloves

Rubber, if desired.

Eye Protection

Safety glasses recommended during laser imaging.

Other Protective Clothing or Equipment

Not normally required

Work/Hygenic Practices

NORMAL PERSONAL HYGIENE (CLEANLINESS) IS SATISFACTORY.