

Material Safety Data Sheet

may be used to comply with
SHA'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



ENTITY (As Used on Label and List)

Aluminum Oxide

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.

Section I

Emergency Telephone Number
(312) 924-1515

Telephone Number for Information
(312) 924-1515

Date Prepared
October 1, 1988

Signature of Preparer (optional)

Physical/Chemical Characteristics

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
ALUMINA CAS 1344-28-1		10 MG/M ³		

Section III - Physical/Chemical Characteristics

Boiling Point	450°F	Specific Gravity (H ₂ O = 1)	1.5 - 2.0
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
Insoluble

Appearance and Odor

Solid Bar - Tallow or Fat Odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) No Data Available	Flammable Limits No Data Available	LEL N/A	UEL N/A
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Extinguishing Media

CO₂, Dry Chemical, Foam

Special Fire Fighting Procedures

Treat as grease fire, use air pack.

Unusual Fire and Explosion Hazards

Dense Smoke

Aluminum

Section V - Reactivity Data

Stability	Unstable		Conditions To Avoid Avoid High Heat, Open Flame
	Stable	X	

Compatibility (Materials to Avoid)
Do Not expose to strong oxidizers

Hazardous Decomposition or Byproducts
If combustion incomplete carbon monoxide will form.

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

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingest? N
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Health Hazards (Acute and Chronic) Alumina: Overexposure may cause temporary irritation of eyes, ears, nose or respiratory tract

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA/Regulated? No
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Signs and Symptoms of Exposure
Over exposure may cause temporary irritation of eyes, ears, nose and respiratory tract.

Medical Conditions
Generally Aggravated by Exposure No Data Available

Emergency and First Aid Procedures
Remove to fresh air and flush with water.

Section VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled
N/A

Waste Disposal Method
Local landfill in accordance with applicable local, state and federal regulations.

Precautions To Be Taken In Handling And Storing
Storage at room temperature. Avoid excessive heat - open flame

Other Precautions
After handling wash thoroughly.

Section VIII - Control Measures

Respiratory Protection (Specify Type)
Use NIOSH/MSHA approved dust filter for exposure above permissible level, Mask Type 8710

Ventilation	Local Exhaust Sufficient to maintain employee exposure	Special None
	Mechanical (General)	Other