

DANVILLE

ALUMINUM OXIDE

Aluminum Oxide

SECTION I: IDENTIFICATION

Company Name: Danville Materials
 3420 Fostoria Way Suite A-200
 San Ramon, CA 94583
 Phone (800) 827-7940
 Fax: (925) 973-0764
 Prepared: June 24, 2013

SECTION II: HAZARD (S) IDENTIFICATION

Chronic: None
 Other: None

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	C.A.S. NO	Percent	Limits for Air Contaminants	
			TWA Mg/M ³	PEL Mg/M ³
Alpha Alumina (Al ₂ O ₃)	1344-28-1	99+ %		
Total Dust			10(e)	15
Respirable Fraction			5	5

SECTION IV: FIRST -AID MEASURES

Inhalation: Choking sensation, respiratory system passageways irritation.
 Skin Contact: No evidence of adverse effects expected.
 Eye Contact: May cause irritation.
 Swallowing: Non-toxic. May cause irritation of the throat and digestive passageways.
 No evidence of Carcinogenicity.

SECTION V: FIRE -FIGHTING MEASURES

Non-flammable; does not support combustion. Not an explosion hazard.

SECTION VI: ACCIDENTAL RELEASE MEASURES

None
 Spill, leak and disposal: Avoid dust during clean-up.

SECTION VII: HANDLING AND STORAGE

Stable under normal conditions of use, transportation, and storage.

SECTION VIII: EXPOSURE CONTROLS /PERSONAL PROTECTION

Source of Exposure Limit Data

ACGIH Threshold Limit Values
 OSHA Tables: Z-1-A, Z-2, Z-3

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~Verified on 2014-08 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-08. ~

ALUMINUM OXIDE**MATERIAL SAFETY DATA SHEET**

Possible effects of Overexposure: Individuals with lung disorders should not be exposed to conditions where large airborne quantities of the nuisance dust exists without precautions taken to alleviate the aggravated pre-existing condition.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Melting Temperature: 3700 °F (2038 °C)
Specific Gravity: 3.97 Gm/cc
Hardness: 9 Mohs Scale; 2100 Knoop Scale
Water Solubility: Insoluble in water and organic solvents.
pH: 7-8
Color: Light brown or white
Odor: None

SECTION X - STABILITY AND REACTIVITY

Stable under normal conditions of use, transportation, and storage.
None with water, air, heat, or strong oxidizers.

SECTION XI - TOXICOLOGICAL INFORMATION

None

SECTION XII - ECOLOGICAL INFORMATION

Waste may be considered as inert material.

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of safely in accordance with local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

Use with adequate ventilation to meet exposure limits. When exposure is excessive, NIOSH approved respiratory protection should be used.

SECTION XV - REGULATORY INFORMATION

510k #: EXEMPT

SECTION XVI - OTHER INFORMATION

None

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3420 Fostoria Way Suite A-200 San Ramon, California 94583 USA
Phone 925/973-0710 800/827-7940 Fax 925/973-0764

0144 Rev E

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