

# FUJIMI CORPORATION

## MATERIAL SAFETY DATA SHEET

### PWA ALUMINUM OXIDE (ALL TYPES)

Original Issue: December 3, 2001

Revised: September 23, 2003

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: PWA Aluminum Oxide (All types)

Manufacturer:

Fujimi Corporation  
11200 SW Leveton Dr.  
Tualatin, OR 97062  
503-682-7822

EMERGENCY TELEPHONE NUMBER

CHEMTREC 1-800-424-9300

Non-emergency Information:

Fujimi Corporation: 503-682-7822

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV TWA</u>	<u>% COMP</u>
Aluminum Oxide:	1344 – 28 – 1	5.0mg/m <sup>3</sup> *	10mg/m <sup>3</sup> *	>80

TWA is 8 – hour Time – Weighted – Average of total dust.

#### 3. HAZARDS IDENTIFICATION

Threshold Limit Value: 10mg / m<sup>3</sup> for product dust

Routes of Entry:

Inhalation? YES (dust)

Ingestion? YES

Skin? NO

Health hazards:

Chronic: Lung damage (product dust)

Acute: See Over Exposure

Carcinogenicity: NTP? NO IARC Monographs? NO

OSHA Regulated? NO

Medical conditions generally aggravated by exposure: Unknown

Over exposure (signs and symptoms of overexposure):

Eyes: Irritation from dust

Skin: Dryness from dust

Internal: None

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### 4. FIRST AID MEASURES

**EYES:** Immediately flush with cool running water for at least fifteen (15) minutes while holding the lids apart. Remove contact lenses. Obtain Medical Assistance if necessary.

**SKIN:** Wash with soap and water. Obtain medical assistance if irritation or Dermatitis occurs.

**INTERNAL:** If swallowed, drink water. Call 911 or Poison Control Center (503) 494-8968 for further advice.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

### 5. FIRE FIGHTING MEASURES

Flash Point: (method): NONE  
Flammable Limits: LEL:, UEL: NA  
Extinguishing Media: NA  
Special Fire Fighting Procedures: NONE  
Unusual Fire and Explosion Hazards: NONE

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Use a vacuum with a filtered exhaust.

**LARGE SPILLS:** Cover area and return contents to drum for reuse or disposal.

### 7. HANDLING AND STORAGE

Handling: NA  
Storage: NA.  
Other precautions: NONE

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (specify type): NONE. Unless significant dusts, mists, or aerosols are generated, then use a respirator approved for particulate aerosols. (see OSHA 29 CFR 1910.134)

Ventilation: Local Exhaust: Adequate (to keep below TLV)  
Mechanical (general): NA  
Special: NA

Protective Gloves: WATER IMPERMEABLE  
Eye Protection: GOGGLES  
Other Protective clothing or equipment: NONE  
Work / Hygiene Practices: WASH IMMEDIATELY AFTER USING THIS PRODUCT AND ITS SOLUTIONS.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA  
Vapor Pressure: NA  
Vapor Density: NA  
Specific Gravity: ~3.6

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Percent Volatiles: NA  
Evaporation Rate: NA  
Appearance: milky white  
State: Solid  
Physical Form: Powder  
Color: White  
Odor: Odorless  
pH: NA  
Solubility in Water: Disperses to suspension of aluminum oxide

### 10. STABILITY AND REACTIVITY

Stability: STABLE  
Hazardous Polymerization: WILL NOT OCCUR  
Hazardous Decomposition: NONE  
Incompatibility: NONE  
Conditions to avoid: NONE

### 11. TOXICOLOGICAL INFORMATION

NA

### 12. ECOLOGICAL INFORMATION

NA

### 13. DISPOSAL CONSIDERATION

Dispose according to local, State, and Federal regulations

### 14. TRANSPORT INFORMATION

DOT: Not regulated

### 15. REGULATORY INFORMATION

CERCIA RQ: NA  
SARA 311/312 Hazard Class: Immediate  
SARA 313: Contains no TRI chemicals  
TSCA: All components are listed

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### 16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. User assumes all risks incident to the use of this product. Fujimi Corporation assumes no liability what so ever for the accuracy or completeness of the information contained herein.