



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

Page 1

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"StoneTech" Professional Polishing Powder (1500 Grit Level)  
6484CR Revised 14-JUN-2005  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Company Identification

MANUFACTURER/DISTRIBUTOR

StoneTech Professional, Inc.  
370 North Wiget Lane  
Suite 200  
Walnut Creek  
California  
94598

PHONE NUMBERS

Product Information : 800-441-7515/Outside US: 302-774-1000  
Transport Emergency : CHEMTREC: 800-424-9300/Outside US:  
703-527-3887  
Medical Emergency : 800-441-3637/Outside US: 302-774-1000

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COMPOSITION/INFORMATION ON INGREDIENTS  
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Components

Material	CAS Number	%
Aluminum Oxide	1344-28-1	>95

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HAZARDS IDENTIFICATION  
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Potential Health Effects

Skin contact with Aluminum Oxide may cause skin irritation with discomfort or rash. There are no reports of human sensitization.

Inhalation of Aluminum Oxide dust may cause temporary lung irritation with cough, discomfort, difficulty breathing, or shortness of breath. Higher exposures may lead to chronic lung disorders with symptoms of lung insufficiency.

Individuals with preexisting diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures.

An epidemiologic study of alumina production workers demonstrated no significant increase in the incidence of pulmonary fibrosis or pneumoconiosis; however, a slight decrease in lung function was identified.

## (HAZARDS IDENTIFICATION - Continued)

## Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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FIRST AID MEASURES  
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## First Aid

## INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

## SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

## EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

## INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

## Notes to Physicians

Activated charcoal mixture may be beneficial. Suspend 50 g activated charcoal in 400 mL water and mix well. Administer 5 mL/kg, or 350 mL for an average adult.

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FIRE FIGHTING MEASURES  
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## Flammable Properties

Not a fire or explosion hazard.

## Extinguishing Media

Use media appropriate for surrounding material.

## Fire Fighting Instructions

Evacuate personnel to a safe area. Wear self-contained breathing apparatus (SCBA) and full protective equipment.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

## Initial Containment

Dike spill.

## Spill Clean Up

Dispose of in an approved container.

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HANDLING AND STORAGE  
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## Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wash clothing after use.

## Handling (Physical Aspects)

Keep container tightly closed.

## Storage

Store in a cool, dry place.

Avoid freezing or extended storage in high temperatures.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

Use only with adequate ventilation.

## Personal Protective Equipment

## EYE/FACE PROTECTION

Wear safety glasses, or where splash potential exists wear chemical splash goggles.

## RESPIRATORS

Where the potential exists for airborne exposure, wear NIOSH approved respiratory protection.

## PROTECTIVE CLOTHING

## (EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

Where there is potential for skin contact, have available and wear as appropriate impervious gloves, apron or smock.

## Exposure Guidelines

## Applicable Exposure Limits

Aluminum Oxide	
PEL (OSHA)	: 15 mg/m <sup>3</sup> , total dust, 8 Hr. TWA 5 mg/m <sup>3</sup> , respirable dust, 8 Hr. TWA
TLV (ACGIH)	: 10 mg/m <sup>3</sup> , total dust, 8 Hr. TWA, A4
AEL * (DuPont)	: None Established

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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PHYSICAL AND CHEMICAL PROPERTIES  
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## Physical Data

Boiling Point	: 200 C (392 F)
Odor	: None.
Form	: Powder.
Color	: White.
Specific Gravity	: 3.8

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STABILITY AND REACTIVITY  
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## Chemical Stability

Stable.

## Incompatibility with Other Materials

Incompatible or can react with strong acids.

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DISPOSAL CONSIDERATIONS  
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## Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

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TRANSPORTATION INFORMATION  
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Shipping Information

Not Regulated as a hazardous material by DOT, IMO, or IATA.

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REGULATORY INFORMATION  
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U.S. Federal Regulations

TSCA Inventory Status : Listed.

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS