

**DuPont™ StoneTech® Professional POLISHING POWDER 900**

Version 2.0

Revision Date 12/17/2009

Ref. 130000031673

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ StoneTech® Professional POLISHING POWDER 900
MSDS Number : 130000031673
Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Skin

Aluminum oxide : May cause skin irritation.

Eyes

Aluminum oxide : Dust contact with the eyes can lead to mechanical irritation.

Inhalation

Aluminum oxide : Causes respiratory tract irritation.

Repeated exposure

Aluminum oxide : Fibrosis with altered lung function or difficulty breathing

Target Organs

Aluminum oxide : Lungs Respiratory Tract

Carcinogenicity

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Aluminum oxide	1344-28-1	90 - 95 %
Tin monoxide	21651-19-4	5 - 10 %

SECTION 4. FIRST AID MEASURES

Skin contact : Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.

Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Seek medical

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advice.

- Inhalation : Move to fresh air. If symptoms persist, call a physician.
- Ingestion : Call a physician or poison control centre immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- General advice : When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5. FIRE-FIGHTING MEASURES

- Fire and Explosion Hazard : The product itself does not burn.
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Firefighting Instructions : Wear self contained breathing apparatus for fire fighting if necessary. Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

- Safeguards (Personnel) : Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
- Spill Cleanup : Pick up and transfer to properly labelled containers. Sweep up to prevent slipping hazard. Avoid dust formation.
- Accidental Release Measures : Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
- Storage : Keep in a dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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- Engineering controls : Use only in area provided with appropriate exhaust ventilation.
- Personal protective equipment
- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- Hand protection : Additional protection: Impervious gloves
- Eye protection : Wear safety glasses or coverall chemical splash goggles.
- Skin and body protection : Lightweight protective clothing

Exposure Guidelines**Exposure Limit Values****Aluminum oxide**

PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
PEL (Permissible Exposure Limit)	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	
TLV	(ACGIH)	1 mg/m3	TWA	Respirable fraction.

Tin monoxide

PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
PEL (Permissible Exposure Limit)	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
PEL (Permissible Exposure Limit)	(OSHA)	2 mg/m3	8 hr. TWA as Sn	
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	Inhalable particles.
TLV	(ACGIH)	3 mg/m3	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	2 mg/m3	TWA as Sn	

* 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : powder
- Color : white
- Odor : none
- Specific Gravity : 3.8

SECTION 10. STABILITY AND REACTIVITY

- Stability : Stable under normal conditions.
- Incompatibility : Strong acids

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SECTION 11. TOXICOLOGICAL INFORMATION

Aluminum oxide	
Oral LD50	: > 5,000 mg/kg, rat
Inhalation	: Respiratory tract irritation
Skin irritation	: Species: rabbit Not classified as irritant, No skin irritation
Eye irritation	: Species: rabbit Not classified as irritant, No eye irritation
Repeated dose toxicity	: Inhalation, human Lung damage, Fibrosis
Carcinogenicity	: Overall weight of evidence indicates that the substance is not carcinogenic.
Mutagenicity	: Evidence suggests this substance does not cause genetic damage in animals., Did not cause genetic damage in cultured bacterial cells.
Tin monoxide	
Dermal	: Experience shows no unusual dermatitis hazard from routine handling.
Oral ALD	: > 3,000 mg/kg, rat Information given is based on data obtained from similar substances.
Eye irritation	: Species: rabbit No eye irritation Information given is based on data obtained from similar substances.
Carcinogenicity	: Animal testing did not show any carcinogenic effects., Information given is based on data obtained from similar substances.
Mutagenicity	: Tests on mammalian cell cultures showed mutagenic effects., Information given is based on data obtained from similar substances.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity	
Aluminum oxide	
96 h NOEC	: Salmo trutta (brown trout) > 100 mg/l
72 h NOEC	: Pseudokirchneriella subcapitata (green algae) > 100 mg/l
48 h NOEC	: Daphnia magna (Water flea) > 100 mg/l



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Tin monoxide
48 h LC50

: Daphnia magna (Water flea) 19.5 - 55 mg/l
Information given is based on data obtained from similar product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA Status : Listed.

SARA 313 Regulated Chemical(s) : Aluminum oxide

California Prop. 65 : Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Aluminum oxide

NJ Right to Know Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Aluminum oxide

SECTION 16. OTHER INFORMATION

MSDS preparation date : 12/17/2009
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Contact person : MSDS Coordinator, DuPont Chemical Solutions Enterprise, Wilmington, DE 19898, (800) 441-7515

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information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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