

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

Version 3.2

Revision Date 05/03/2013

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

Eyes

Aluminum oxide : May cause eye irritation. May cause: Tearing, redness, or discomfort..

Inhalation

Aluminum oxide : Causes respiratory tract irritation. May cause: Cough, sneezing, runny nose, sore throat, or shortness of breath..

Repeated exposure

Aluminum oxide : Fibrosis with altered lung function or difficulty breathing

Target Organ

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.

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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 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. FIREFIGHTING 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.



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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

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


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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:	(OSHA)	5 mg/m3	8 hr. TWA Respirable fraction.
PEL:	(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:	(OSHA)	5 mg/m3	8 hr. TWA Respirable fraction.
PEL:	(OSHA)	15 mg/m3	8 hr. TWA Total dust.
PEL:	(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

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SECTION 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Incompatibility : Strong acids

SECTION 11. TOXICOLOGICAL INFORMATION

Aluminum oxide

Oral LD50 : > 15,900 mg/kg , rat

Inhalation 4 h LC50 : 2.1 mg/l , rat
Target Organs: Respiratory Tract
Respiratory tract irritation

Skin irritation : No skin irritation, rabbit

Eye irritation : No eye irritation, rabbit
slight irritationSkin sensitization : Does not cause respiratory sensitisation., mouse
Does not cause skin sensitisation., guinea pigRepeated dose toxicity : Inhalation
rat
Target Organs: Lungs
FibrosisOral
rat

No toxicologically significant effects were found.

Carcinogenicity : Overall weight of evidence indicates that the substance is not
carcinogenic.



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Mutagenicity : Did not cause genetic damage in cultured bacterial cells.
Genetic damage in cultured mammalian cells was observed in some laboratory tests but not in others.
Genetic damage in animals was observed in some laboratory tests but not in others.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Animal testing showed no developmental toxicity.

Tin monoxide

Oral LD50 : > 10,000 mg/kg , rat

Repeated dose toxicity : Oral
rat

No toxicologically significant effects were found.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : No data is available on the product itself.

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.

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SECTION 15. REGULATORY INFORMATION

TSCA	: On the inventory, or in compliance with the inventory
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

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Contact person : MSDS Coordinator, DuPont Chemicals and Fluoroproducts, Wilmington, DE 19898, (800) 441-7515

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