



## DuPont™ StoneTech® Professional Penetrating Sealers

Version 3.0

Revision Date 03/12/2013

Ref. 150000003757

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 Penetrating Sealers  
Product Grade/Type : Maximum BulletProof® Sealer, Heavy Duty Sealer, Sealer, Natural Stone Countertop Sealer

MSDS Number : 150000003757

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 : May cause skin irritation. May cause:, Irritation with discomfort or rash..

Eyes : Causes eye irritation. May cause:, Discomfort, tearing, Redness, Blurred vision.

Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage.

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


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Component	CAS-No.	Concentration
Water	7732-18-5	>95%
Fluorinated Acrylic Alkylamino Copolymer		1 - 4 %
1-(2-Butoxy-1-methylethoxy)propan-2-ol	29911-28-2	0 - 2 %
1-Butoxy-2-propanol	5131-66-8	0 - 2 %

**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. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.
- 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**

- Flammable Properties
- Thermal decomposition : > 200 °C (> 392 °F)  
To avoid thermal decomposition, do not overheat.  
Thermal decomposition can lead to release of irritating gases and vapours.



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- Fire and Explosion Hazard : The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride Carbon dioxide (CO<sub>2</sub>) Carbon monoxide Other hazardous decomposition products may be formed.
- 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 : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.
- Accidental Release Measures : Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.

**SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : Avoid breathing vapours or mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
- Handling (Physical Aspects) : To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours. Do not spray near open flame or heated surface.

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Storage : Keep tightly closed in a dry, cool and well-ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Use only in area provided with appropriate exhaust ventilation.

Personal protective equipment

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

1-(2-Butoxy-1-methylethoxy)propan-2-ol  
AEL \* (DUPONT) 50 ppm 8 & 12 hr. TWA

1-Butoxy-2-propanol  
AEL \* (DUPONT) 50 ppm 8 & 12 hr. TWA

\* 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 : liquid  
pH : 9 - 11  
Freezing point : 0 °C (32 °F)  
Boiling point : 100 °C (212 °F) at 760 mm Hg  
% Volatile : > 95 %  
Specific gravity : 1.011

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**SECTION 10. STABILITY AND REACTIVITY**

- Stability : Stable under normal conditions.
- Conditions to avoid : To avoid thermal decomposition, do not overheat.
- Hazardous decomposition products : Carbon dioxide , Carbon monoxide, Hydrofluoric acid...%  
Incompletely burned carbon products  
Other hazardous decomposition products may be formed.

**SECTION 11. TOXICOLOGICAL INFORMATION**

## Fluorinated Acrylic Alkylamino Copolymer

- Oral LD50 : > 5,000 mg/kg , rat
- Inhalation 4 h ALC - : > 2.0 mg/l , rat  
Approximate Lethal  
Concentration dry polymer aerosol
- Inhalation 4 h No observed : > 970 mg/m3 >970 mg/m3 , rat  
adverse effect level dry polymer aerosol
- Skin irritation : No skin irritation, rabbit
- Eye irritation : slight irritation, rabbit
- Skin sensitization : Did not cause sensitisation on laboratory animals., mouse
- Mutagenicity : Did not cause genetic damage in cultured bacterial cells.

## 1-(2-Butoxy-1-methylethoxy)propan-2-ol

- Dermal LD50 : > 2,000 mg/kg , rat
- Oral LD50 : 1,477 mg/kg , rat
- Inhalation 4 h LC50 : 2.04 mg/l , rat



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Skin irritation	:	rabbit Mild skin irritation
Eye irritation	:	rabbit irritant
Skin sensitization	:	human Not a skin sensitizer.
Repeated dose toxicity	:	Inhalation rat  No toxicologically significant effects were found.  Oral - feed rat  No toxicologically significant effects were found.  Dermal rat  No toxicologically significant effects were found.
Mutagenicity	:	Did not cause genetic damage in cultured bacterial cells. Did not cause genetic damage in cultured mammalian cells. Did not cause genetic damage in animals.
Teratogenicity	:	Evidence suggests the substance is not a developmental toxin in animals.
1-Butoxy-2-propanol Dermal LD50	:	> 2,000 mg/kg , rabbit
Oral LD50	:	3,300 mg/kg , rat
Inhalation	:	An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.
Skin irritation	:	Skin irritation, rabbit
Eye irritation	:	Moderate eye irritation, rabbit



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- Skin sensitization : Animal test did not cause sensitization by skin contact., guinea pig
- Repeated dose toxicity : Inhalation  
rat  
  
No toxicologically significant effects were found.  
  
Dermal  
multiple species  
  
Skin irritation, No toxicologically significant effects were found.  
  
Oral - drinking water  
rat  
  
No toxicologically significant effects were found.
- Mutagenicity : Evidence suggests this substance does not cause genetic damage in animals.  
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
- Reproductive toxicity : Animal testing showed no reproductive toxicity.  
Information given is based on data obtained from similar substances.
- Teratogenicity : Evidence suggests the substance is not a developmental toxin in animals.

**SECTION 12. ECOLOGICAL INFORMATION**

- Aquatic Toxicity  
Fluorinated Acrylic Alkylamino Copolymer  
48 h EC50 : Daphnia magna (Water flea) > 120 mg/l
- 1-(2-Butoxy-1-methylethoxy)propan-2-ol  
96 h : Poecilia reticulata (guppy) 841 mg/l
- 48 h : Daphnia magna (Water flea) 1,000 mg/l



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1-Butoxy-2-propanol  
96 h LC50 : Poecilia reticulata (guppy) > 500 mg/l  
:  
48 h LC50 : Daphnia magna (Water flea) > 1,000 mg/l

Environmental Fate

1-Butoxy-2-propanol  
Biodegradability : Readily biodegradable.  
Bioaccumulation : This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

**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 : Listed  
This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR).  
This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:





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: Fluorinated Acrylic Alkylamino Copolymer  
PMN Number: P-11-0091

Contact your local DuPont sales or technical representative for more information.

SARA 313 Regulated  
Chemical(s)

: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**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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