

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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™ Penetrating Sealers
Product Grade/Type : DuPont™ Premium Stone Sealer, DuPont™ Stone Sealer, DuPont™ Granite & Marble Countertop Sealer

MSDS Number : 150000003784

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:, Eye irritation, 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

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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.

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

- Fire and Explosion Hazard : The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride Carbon dioxide (CO₂) 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.

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

Do not spray near open flame or heated surface.

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			
AEI *	(DUPONT)	50 ppm	8 & 12 hr. TWA

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

* AEI is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEI 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

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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, Hydrogen fluoride
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 dry polymer aerosol
Concentration
- 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 sensitization 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
- Skin irritation : rabbit
Mild skin irritation

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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

Skin sensitization

: Animal test did not cause sensitization by skin contact., guinea pig

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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
1-Butoxy-2-propanol	

**DuPont™ Penetrating Sealers**

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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:

: Fluorinated Acrylic Alkylamino Copolymer



DuPont™ Penetrating Sealers

Version 2.0

Revision Date 04/13/2012

Ref. 150000003784

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

DuPont™, and The DuPont™ Oval Logo® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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.

Significant change from previous version is denoted with a double bar.