

**DuPont™ StoneTech® Professional Enhancer Pro™ Sealer**

Version 2.1

Revision Date 09/09/2010

Ref. 130000028145

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 Enhancer Pro™ Sealer  
MSDS Number : 130000028145

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**

## Emergency Overview

The hazards of this product are associated mainly with its processing. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

## Potential Health Effects

Skin : May cause skin irritation. May cause:, Discomfort, Itching, Redness, Swelling.

Eyes : May cause eye irritation. May cause:, tearing, Redness, Discomfort.

Inhalation : Inhalation of aerosol or fine spray mist may cause serious respiratory problems. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema)., May cause:, Respiratory tract irritation, Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness..


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Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage. May cause: Cough, choking, Shortness of breath, Rapid respiration, Effects on heart rate, Fever, Fluid retention in lungs (pulmonary oedema), Tiredness or drowsiness, Coma.

Repeated exposure  
Naphtha (petroleum), hydrotreated heavy : Adverse effects from repeated inhalation may include: Central nervous system effects Altered behaviour Kidney effects

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
Naphtha (petroleum), hydrotreated heavy		70 - 80 %
Alkyl Alkoxy Siloxanes and Silanes		20 - 30 %

**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.

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- 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**

- Flammable Properties  
Flash point : 28 °C (82 °F) closed cup
- Thermal decomposition : > 200 °C (> 392 °F)  
To avoid thermal decomposition, do not overheat.  
Thermal decomposition can lead to release of irritating gases and vapours.
- Fire and Explosion Hazard : Flammable liquid  
Hazardous decomposition products formed under fire conditions. Carbon monoxide, Carbon dioxide
- Suitable extinguishing media : Water mist, Foam, Dry chemical, Carbon dioxide blanket
- Firefighting Instructions : Wear self contained breathing apparatus for fire fighting if necessary.  
Evacuate personnel to safe areas. Cool containers / tanks with water spray.  
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 : Remove all sources of ignition. Use only non-sparking tools. 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.



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**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.
- Storage : Keep containers tightly closed in a dry, cool and well-ventilated place. Grounding and elimination of the static charge is recommended. Store in accordance with National Fire Protection Association recommendations.

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

- Engineering controls : Use only in area provided with appropriate exhaust ventilation.
- Personal protective equipment
  - Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
  - 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

Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)  
AEL \* (DUPONT) 100 ppm 8 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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: liquid
Color	: clear
Odor	: slight, hydrocarbon-like
pH	: not applicable
Boiling point/boiling range	: > 149 °C (> 300 °F)
Density	: 0.8 g/cm <sup>3</sup>
Water solubility	: insoluble

**SECTION 10. STABILITY AND REACTIVITY**

Stability	: Stable under normal conditions.
Conditions to avoid	: To avoid thermal decomposition, do not overheat.
Incompatibility	: Acids Bases, and, Water
Hazardous decomposition products	: , Carbon dioxide , Carbon monoxide Incompletely burned carbon products Other hazardous decomposition products may be formed.

**SECTION 11. TOXICOLOGICAL INFORMATION**

DuPont™ StoneTech® Professional Enhancer Pro™ Sealer	
Inhalation 4 h ALC	: > 1.8 mg/l , male, rat
Naphtha (petroleum), hydrotreated heavy	
Dermal LD50	: > 3,200 mg/kg , rabbit
Oral LD50	: > 5,000 mg/kg , rat
Skin irritation	: Mild skin irritation, rabbit
Eye irritation	: slight irritation, rabbit
	The toxicological data has been taken from products of similar composition.


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Skin sensitization	:	Did not cause sensitization on laboratory animals., guinea pig
Repeated dose toxicity	:	human Target Organs: Central nervous system Chronic exposure damages the brain and the central nervous system.
Carcinogenicity	:	Overall weight of evidence indicates that the substance is not carcinogenic.
Mutagenicity	:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Did not cause genetic damage in animals.
Reproductive toxicity	:	Evidence suggests the substance is not a reproductive toxin in animals.
Teratogenicity	:	Evidence suggests the substance is not a developmental toxin in animals.

**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity  
Naphtha (petroleum), hydrotreated heavy  
96 h LC50 : Pimephales promelas (fathead minnow) > 2,200 mg/l

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste Disposal : In accordance with local and national regulations.

**SECTION 14. TRANSPORT INFORMATION**

DOT	UN number	:	3295
	Proper shipping name	:	Hydrocarbons, liquid, n.o.s.
	Class	:	3
	Packing group	:	III
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IATA_C	Labelling No.	: 3
	UN number	: 3295
	Proper shipping name	: Hydrocarbons, liquid, n.o.s.
IMDG	Class	: 3
	Packing group	: III
	Labelling No.	: 3
	UN number	: 3295
	Proper shipping name	: Hydrocarbons, liquid, n.o.s.
	Class	: 3
	Packing group	: III
	Labelling No.	: 3

**SECTION 15. REGULATORY INFORMATION**

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

**SECTION 16. OTHER INFORMATION**

DuPont™, StoneTech®, and Enhancer Pro™ 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

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