

**TraSys® 512**

Version 2.2

Revision Date 04/23/2010

Ref. 130000031848

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 : TraSys® 512
MSDS Number : 130000031848

Product Use : Release agent, Water-borne coatings

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)

Other information : professional use

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Skin : May cause skin irritation.

Eyes : May cause eye irritation.

Inhalation : May cause irritation of 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
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Water	7732-18-5	90 - 95 %
Proprietary Resins		3 - 10 %
Octamethylcyclotetrasiloxane	556-67-2	<0.3 %

SECTION 4. FIRST AID MEASURES

- Skin contact : If on skin, rinse well with water. Wash contaminated clothing before re-use. Consult a physician if necessary.
- Eye contact : Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
- Inhalation : Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician.
- Ingestion : DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Call a physician.
- General advice : When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5. FIRE-FIGHTING MEASURES

- Flammable Properties
- Flash point : does not flash
- Fire and Explosion Hazard : In fire conditions, toxic decomposition products may be formed. (see also section 10)
- Suitable extinguishing media : The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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Firefighting Instructions : Wear self-contained breathing apparatus (SCBA). Wear suitable protective equipment.
Evacuate personnel to safe areas.

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) : Ventilate spill area.

Spill Cleanup : Dike spill. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas.

SECTION 7. HANDLING AND STORAGE

Handling (Personnel) : Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling. Remove and wash contaminated clothing before re-use.

Storage : Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use only with adequate ventilation.

Personal protective equipment

Respiratory protection : Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Material: Impervious gloves

Eye protection : Safety goggles

Skin and body protection : Preventive skin protection

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Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket, hood and boots.

Exposure Guidelines
Exposure Limit Values
None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: white
Odor	: slight
pH	: neutral
Freezing point	: 0 °C (32 °F)
Boiling point	: 100 °C (212 °F)
% Volatile	: 90 - 95 %
Vapour Pressure	: 30 mm Hg at 25 °C (77 °F)
Specific Gravity	: 0.95

SECTION 10. STABILITY AND REACTIVITY

Stability	: Stable under recommended storage conditions.
Conditions to avoid	: Decomposes on heating.
Incompatibility	: Incompatible with oxidizing agents. Strong acids and strong bases, reactive metals
Hazardous decomposition products	: Silicon dioxide, Carbon oxides, nitrogen oxides (NOx), metal oxides, Sulphur compounds, Formaldehyde
Hazardous reactions	: Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

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Inhalation 4 h ALC	: > 0.50 mg/l , male, rat
Oral ALD	: > 11,000 mg/kg , rat

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Skin irritation	: No skin irritation, rabbit
Eye irritation	: No eye irritation, rabbit
Sensitisation	: Did not cause sensitization on laboratory animals., mouse
Further information	: Information given is based on data on the components and the toxicology of similar products.
Octamethylcyclotetrasiloxane Reproductive toxicity	: Experiments have shown reproductive toxicity effects on laboratory animals.
Teratogenicity	: Animal testing showed effects on embryo-foetal development at levels below those causing maternal toxicity.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

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96 h LC50	: Oncorhynchus mykiss (rainbow trout) 180 mg/l
72 h EC50	: Pseudokirchneriella subcapitata (green algae) > 1,000 mg/l
48 h EC50	: Daphnia magna (Water flea) > 1,000 mg/l The toxicological data has been taken from products of similar composition.

Octamethylcyclotetrasiloxane

21 d	: NOEC Daphnia magna (Water flea) 0.0017 - 0.015 mg/l
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SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal	: In accordance with local and national regulations.
Environmental Hazards	: If recycling is not practicable, dispose of in compliance with local regulations.

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SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

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

Title III hazard classification : Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire: No
Reactivity/Physical hazard: No
Pressure: No

California Prop. 65 : WARNING! This product contains a chemical known to the State of California to cause cancer.Ethylene oxide
WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.Ethylene oxide

SECTION 16. OTHER INFORMATION**HMIS**

Health	:	1
Flammability	:	0
Reactivity/Physical hazard	:	0
PPE	:	Personal Protection rating to be supplied by user depending on use conditions.

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Contact person : MSDS Coordinator, DuPont Chemicals and Fluoroproducts, Wilmington, DE



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19898, (800) 441-7515

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