

This SDS adheres to the standards and regulatory requirements of Australia and may not meet the regulatory requirements in other countries.

-- SAFETY DATA SHEET --  
DuPont Performance Coatings

Ref. 000006138/N/AUS  
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Print date 2002-01-01  
Revision date: 2001-05-09

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Chemical nature of the preparation: 250S FAST ACTIVATOR

**Supplier:**

DuPont Australia Ltd ACN 000 716 469

168 Walker Street  
North Sydney NSW 2060  
Tel. 02 9923 6111

DuPont (New Zealand) Ltd  
98 Kerrs Road  
Wiri, Manukau City  
AUCKLAND, NEW ZEALAND  
Tel. (09) 268 5500

**Emergency telephone number:**

Transport Tel. 02 9963 1301  
Medical Tel. 1800 674 415

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical nature of the preparation: polyisocyanate resin(s) in organic solvents

Hazardous components:	CAS-No	Weight %	
n-butyl acetate	123-86-4	10-30	R 66-67
toluene	108-88-3	30-60	Xn; R 20
1,2,4-trimethylbenzene	95-63-6	1-5	Xn; R20-36/37/38
aromatic hydrocarbons (150-190)	64742-95-6	1-5	Xn; R 37-65-66-67
polyisocyanate resin	28182-81-2	30-60	Xn; R42/43
hexamethylene diisocyanate	822-06-0	< 0,2	T; R23-36/37/38-42/43

R20 - Harmful by inhalation.

R23 - Toxic by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R37 - Irritating to respiratory system.

R42/43 - May cause sensitization by inhalation and skin contact.

R65 - Harmful: may cause lung damage if swallowed.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness.

#### 3. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.

SUSDP: S6

**Most important hazards:**

Highly flammable.  
Harmful by inhalation.  
May cause sensitization by inhalation and skin contact.  
Contains isocyanates. See information supplied by the manufacturer.

**Specific hazards:**

May cause sensitization of susceptible persons.  
Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates.

#### 4. FIRST AID MEASURES:

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Consult a physician after significant exposure.

**Skin contact:** Wash off immediately with soap and plenty of water.

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth, ingest activated charcoal. Call a physician immediately.

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5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media: Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

Extinguishing media which must not be used for safety reasons: high volume water jet

Fire will produce dense black smoke containing hazardous combustion products (see heading 10). In the event of fire, wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. wear personal protective equipment Remove all sources of ignition.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Soak up with inert absorbent material. Clean with detergents. Avoid solvents.

7. HANDLING AND STORAGE:

Handling: Technical measures/Precautions: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.  
Safe handling advice: Re-open used containers with caution. Do not smoke. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.

Storage: Technical measures/Storage conditions: Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Protect against humid air and water  
Incompatible products: Not applicable  
Packaging material: Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment:

Respiratory protection: Wear a positive-pressure supplied-air respirator.  
Eye protection: safety glasses  
Hand protection: solvent-resistant gloves  
Wear respiratory equipment when entering the spray area.

Hygiene measures: Do not breathe dust or spray mist. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday.

Exposure controls:

National occupational exposure limits:

Worksafe TWA: None established for the formulated product.

n-butyl acetate: Worksafe TWA = 150 ppm = 713 mg/m<sup>3</sup>, STEL = 200 ppm = 950 mg/m<sup>3</sup>; (1995)

toluene: Worksafe TWA = 100 ppm = 377 mg/m<sup>3</sup>, STEL = 150 ppm = 565 mg/m<sup>3</sup>; (1995)

1,2,4-trimethylbenzene: Worksafe TWA = 25 ppm = 123 mg/m<sup>3</sup>; (1995)

aromatic hydrocarbons (150-190): DuPont's acceptable exposure limit: AEL(8-h TWA) = 50 ml/m<sup>3</sup>; DuPont(1999)

hexamethylene diisocyanate: Worksafe (as NCO) TWA = 0.02 mg/m<sup>3</sup>, STEL = 0.07 mg/m<sup>3</sup>; Sen; (1995)

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form:	liquid	
	Colour:	clear	
Odour:		solvent	
pH: ( °C) (at g/l H2O)		Not applicable	
Flash point:			12 °C
Autoignition temperature:			370 °C
Relative density: ( °C)		from 0,97 kg/l	
		to 1,01 kg/l	
Solubility:			
- water solubility ( °C)		immiscible g/l	
Viscosity: ( °C)		no data available mPa.s	
Explosion limits:		- lower	0,6 vol. %
		- upper	7,5 vol. %

10. STABILITY AND REACTIVITY:

Conditions to avoid: No decomposition if stored and applied as directed.

Materials to avoid: Container can be pressurized by carbon dioxide due to reaction with humid air and/or water.

Hazardous decomposition products: In the event of fire carbon monoxide hydrogen cyanide nitrogen oxides smoke may be formed.

11. TOXICOLOGICAL INFORMATION

May cause sensitization of susceptible persons.

Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effect, such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Acute toxicity: No data is available on the product itself.

Local effects: Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues: Classified as hazardous waste. Dispose of as special waste in compliance with applicable regulations Prevent product from entering drains.

Contaminated packaging: Classified as hazardous waste. Dispose of as special waste in compliance with applicable regulations Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled.

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14. TRANSPORT INFORMATION UN-No: 1263

ADR/RID

Class: 3 Item: 5(b) Hazard labels: 3  
TREM-CARD: 30G80 HI/UN No.:  
Proper shipping name: Paint related material  
EPG 3C1  
Haz Chem 3[Y] E

ICAO

UN/ID No.: 1263 Class: 3 Subrisks:  
Packing group: II Hazard labels: Flammable liquid  
Proper shipping name: Paint related material

IMO

Class: 3.2 IMDG Page: 3268 Subrisks:  
Packing group: II Hazard labels: Flammable liquid  
EmS: 3-05 MFAG: 310  
Proper shipping name: Paint related material

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with Worksafe Australia Hazardous Substances Regulations.

Symbol(s): Xn - Harmful, F - Highly flammable  
Contents: toluene 30-60 %  
R-phrases(s): R11 - Highly flammable.  
R20 - Harmful by inhalation.  
R42/43 - May cause sensitization by inhalation and skin contact.  
S-phrases(s): S24/25 - Avoid contact with skin and eyes.  
S23 - Do not breathe vapour spray .  
S38 - In case of insufficient ventilation, wear suitable respiratory equipment.  
S16 - Keep away from sources of ignition - No smoking.  
Containers above 5 liters: S33 - Take precautionary measures against static discharges.  
Contains isocyanates. See information supplied by the manufacturer.

16. OTHER INFORMATION

When used in a mixture, read the labels and safety data sheets of all components.

Recommended use: Car paint for professional use only.

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.