

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. 000006278/N/AUS
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Print date 2002-01-02
Revision date: 2001-04-26

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

Chemical nature of the preparation: 1010R HS-ACTIVATOR FAST

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 %	Classification
n-butyl acetate	123-86-4	10-30	R 66-67
ethyl acetate	141-78-6	5-10	Xi; R36-66-67
1-methoxy-2-propyl acetate	108-65-6	1-5	Xi; R 36
xylene	1330-20-7	10-30	Xn; R 20/21-38
ethylbenzene	100-41-4	1-5	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		30-60	Xn; R42/43
hexamethylene diisocyanate	822-06-0	< 0,2	T; R23-36/37/38-42/43
toluene diisocyanate	584-84-9	< 0,2	T+; R26-36/37/38-40-42/43

R20 - Harmful by inhalation.
R20/21 - Harmful by inhalation and in contact with skin.
R23 - Toxic by inhalation.
R26 - Very toxic by inhalation.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R37 - Irritating to respiratory system.
R38 - Irritating to skin.
R40 - Possible risks of irreversible effects.
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 and in contact with skin.
May cause sensitization by inhalation and skin contact.
Repeated exposure may cause skin dryness or cracking.
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.

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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.

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media: Use dry chemical, CO2, 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

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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/m³, STEL = 200 ppm = 950 mg/m³; (1995)
ethyl acetate: Worksafe TWA = 200 ppm = 720 mg/m³; (1995)
1-methoxy-2-propyl acetate: DuPont's acceptable exposure limit: AEL(8-h TWA and 12-h TWA) = 10 ml/m³; DuPont(1999)
xylene: Worksafe TWA = 80 ppm = 350 mg/m³; STEL = 150 ppm = 655 mg/m³; (1995)
ethylbenzene: Worksafe TWA = 100 ppm = 434 mg/m³, STEL = 125 ppm = 534 mg/m³; (1995)
1,2,4-trimethylbenzene: Worksafe TWA = 25 ppm = 123 mg/m³; (1995)
aromatic hydrocarbons (150-190): DuPont's acceptable exposure limit: AEL(8-h TWA) = 50 ml/m³; DuPont(1999)
hexamethylene diisocyanate: Worksafe (as NCO) TWA = 0.02 mg/m³, STEL = 0.07 mg/m³; Sen; (1995)
toluene diisocyanate: Worksafe (as NCO) TWA = 0.02 mg/m³, STEL = 0.07 mg/m³; Sen; (1995)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form:	liquid	
	Colour:	clear	
Odour:		solvent	
pH: (°C) (at g/l H ₂ O)		Not applicable	
Flash point:		16 °C	closed cup
Autoignition temperature:		272 °C	
Explosive properties:		Not applicable	
Relative density: (°C)		from 0,97 kg/l	
		to 1,01 kg/l	
Solubility:			
- water solubility (°C)		immiscible g/l	
Viscosity: (°C)		30-40 s	ISO 4
Explosion limits:		- lower 0,6 vol. %	
		- upper 12 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.

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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.

14. TRANSPORT INFORMATION

UN-No: 1263

ADR/RID

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

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

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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: xylene, 10-30 %,
R-phrases: R11 - Highly flammable.
R42/43 - May cause sensitization by inhalation and skin contact.
R20/21 - Harmful by inhalation and in contact with skin.
R66 - Repeated exposure may cause skin dryness or cracking.
S-phrases: 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.