

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. 000006129/N/AUS
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Chemical nature of the preparation: 821R ACTIVATOR THINNER

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: inorganic acids in organic solvents

Hazardous components:	CAS-No	Weight %	Classification
acetone	67-64-1	10-30	Xi; R36-66-67
isobutanol	78-83-1	30-60	Xi; R37/38-41-62
petroleum naphtha	64742-49-0	10-30	Xn; R65
phosphoric acid	7664-38-2	1	C; R34
toluene	108-88-3	1-5	Xn; R 20

R20 - Harmful by inhalation.
R34 - Causes burns.
R36 - Irritating to eyes.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.
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: NIL

Most important hazards: Highly flammable.
Irritating to respiratory system and skin.
Risk of serious damage to eyes.
Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

Specific hazards: None known

4. FIRST AID MEASURES:

Inhalation: Move to fresh air. 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.

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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: 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.
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: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. When operators, whether spraying or not, have to work inside the spraybooth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed airfed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

Eye protection: safety glasses

Hand protection: solvent-resistant gloves

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.

acetone: Worksafe TWA = 500 ppm = 1185 mg/m³, STEL = 1000 ppm = 2375 mg/m³; (1995)

isobutanol: Worksafe TWA = 50 ppm = 152 mg/m³; (1995)

petroleum naphtha: -

phosphoric acid: Worksafe TWA = 1 mg/m³, STEL = 3 mg/m³; (1995)

toluene: Worksafe TWA = 100 ppm = 377 mg/m³, STEL = 150 ppm = 565 mg/m³; (1995)

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form:	liquid		
	Colour:	clear		
Odour:		solvent		
pH: (°C) (at g/l H2O)			< 5	
Flash point:			- 15 °C	closed cup
Autoignition temperature:			220 °C	
Relative density: (°C)		from	0,77 kg/l	
		to	0,81 kg/l	
Solubility:				
- water solubility: (°C)		partly miscible	g/l	
Viscosity: (°C)		Not applicable	mPa.s	
Explosion limits:		- lower	0,6 vol. %	
		- upper	13 vol. %	

10. STABILITY AND REACTIVITY:

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

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

11. TOXICOLOGICAL INFORMATION

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

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

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: petroleum naphtha 10-30 %
R-phrase(s): R11 - Highly flammable.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.
R65 - Harmful: may cause lung damage if swallowed.
R67 - Vapours may cause drowsiness and dizziness.
S-phrase(s): 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.

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.