

Material Safety Data Sheet

SRA Vinyl Green 20PC498

Infosafe no. DUPA8 **Issue Date** August 2003 **Status** ISSUED by DUPONT

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name DuPont (Australia) Ltd (ABN 59 000 716 469)
Address 7 Eden Park Drive
 Macquarie Park NSW 2113
Emergency Tel. (02) 9923 6275
Tel/Fax Tel: (02) 9923 6111 Fax: (02) 9923 6011
Other Information 24 hour Medical Emergency: 1800 674 415
 (R) DuPont Registered Trademark
 DuPont New Zealand
 98 Kerrs Road
 Manukau
 Auckland
 New Zealand
 Ph: (09) 268 5500 (24 Hours)
 NZ Poisons Information Centre Ph: 0800 764766

IDENTIFICATION

Product Code
Product Name SRA Vinyl Green 20PC498
Proper Shipping Name PAINT
Other Names **Name** **Product Code**
 SRA Blue 20PC498
 SRA Floor Grey
 SRA Green
UN Number 1263
DG Class 3
Packing Group II
Hazchem Code 3[Y]E
Poisons Schedule S5
Product Use Car paint for professional use only.

Physical Data

Flash Point < -6°C closed cup
Flamm. Limit
LEL 1.0%
Flamm. Limit
UEL 13.1%
Solubility in Water Miscible
Density 1 kg/l

Other Properties

Odour Solvent
Colour Clear
Form Liquid

Ingredients

Ingredients	Name	CAS	Proportion
	Acetone	67-64-1	10-30 %
	Butyl Acetate	123-86-4	10-30 %
	Methyl Ethyl Ketone (MEK)	78-93-3	10-30 %
	Xylene	1330-20-7	5-10 %
	Toluene	108-88-3	5-10 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	The product could be harmful and may cause headaches, dizziness, nausea, vomiting, irritation of the mucous membrane and gastrointestinal disturbances if swallowed. Ingestion of larger quantities of solvent could result in an anaesthetical effect and cause unconsciousness. The main danger of swallowing the product would be the aspiration of the solvent and fumes into the lungs, which could lead to chemical pneumonia.
Acute - Eye	On entering the eye, the product will irritate it. Swelling of the eye and corneal damage is likely if the product is left in the eye for some time.
Acute - Skin	On contact, the product will cause the drying, de-fatting and reddening of the skin, the severity of which will depend on the amount of time the product is allowed to stay on the skin. The solvents in the product could be absorbed through the skin.
Acute - Inhaled	The product is harmful and irritating when inhaled due to the presence of Methyl Ethyl Ketone and Toluene. If solvent vapours from the product are inhaled at higher concentrations, it can result in irritation of the respiratory tract and mucous membranes and depression of the central nervous system. Exposure to higher concentrations could result in unconsciousness.
Chronic	Repeated and prolonged liquid/vapour contact to solvents - Toluene, Methyl Ethyl Ketone and Butyl Acetate in the product may cause dryness, eczema and dermatitis. Recurrent overexposure to the solvents may also result in central nervous system disorders, respiratory tract and lung disturbances, liver and kidney damage and blood disorders.

First Aid

Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth, ingest activated charcoal. Call a physician immediately.
Eye	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.
Skin	Wash off immediately with soap and plenty of water.
Inhaled	Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician after significant exposure.

Advice to Doctor

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits

SRA VINYL MIXED COLOURS:
 NOHSC TWA : None established for the formulated product
 ACETONE:
 NOHSC TWA : 500.0 ppm
 ACGIH TLV : 500.0 ppm
 ACGIH STEL : 750.0 ppm, 15 min
 OSHA PEL : 1000.0 ppm

DUPONT AEL : 500.0 ppm, 8 & 12 hr TWA
 BUTYL ACETATE:
 NOHSC TWA : 150.0 ppm, 713.0 mg/m3
 NOHSC STEL : 200.0 ppm, 950.0 mg/m3
 ACGIH TLV : 150.0 ppm
 ACGIH STEL : 200.0 ppm, 15 min
 OSHA PEL : 150.0 ppm
 OSHA STEL : 200.0 ppm, 15 min
 DUPONT AEL : None established
 TOLUENE:
 NOHSC TWA : 100.0 ppm, 377.0 mg/m3
 NOHSC STEL : 150.0 ppm, 565.0 mg/m3
 ACGIH TLV : 50.0 ppm, skin
 OSHA PEL : 200.0 ppm
 OSHA STEL : 500.0 ppm, 10 min max
 DUPONT AEL : 50.0 ppm, 8 & 12 hr TWA
 XYLENE:
 NOHSC TWA : 80.0 ppm, 350.0 mg/m3
 NOHSC STEL : 150.0 ppm, 655.0 mg/m3
 ACGIH TWA : 100.0 ppm
 ACGIH STEL : 150.0 ppm, 15 min
 OSHA PEL : 100.0 ppm
 OSHA STEL : 150.0 ppm, 15 min
 DUPONT AEL : 100.0 ppm, 8 & 12 hr TWA
 DUPONT STEL : 150.0 ppm, 15 min
 METHYL ETHYL KETONE:
 NOHSC TWA : 150.0 ppm
 ACGIH TLV : 200.0 ppm
 ACGIH STEL : 300.0 ppm, 15 min
 OSHA PEL : 200.0 ppm
 DUPONT AEL : 200.0 ppm, 8 & 12 hr TWA
 DUPONT STEL : 300.0 ppm, 15 min TWA

Eng. Controls Provide sufficient ventilation in volume and pattern to keep contaminants below applicable requirements and other suggested exposure limits.

Personal Protection

Respirator Type (AS 1716) 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. Respiratory protection must conform to AS1715 & AS1716.

Eye Protection Safety glasses conforming to AS1336 & AS1337.

Glove Type Solvent-resistant gloves conforming to AS2161.

Work/Hygienic Practices Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of the workday.

Flammability

Fire Hazards Highly Flammable

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport This product is regulated as a dangerous good, the classification of which is shown immediately above the Identification section. The storage and transportation of this product should be in accordance with the applicable Commonwealth, State or local regulations.

Proper Shipping Name PAINT
EPG Number 3C1
IERG Number 14
Packaging Method 5.9.3RT1
Handling and Handling

Storage 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. Do not smoke. Preparation may charge electrostatically; always use earthing leads when transferring from one container to another.

Storage
Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

Spills and Disposal

Spills & Disposal Follow site procedure for spill control. As a minimum stop spill if safely possible. Ventilate area. Notify supervision. Remove sources of ignition. Prevent skin and eye contact and breathing of vapour. Use personal protective equipment.

Confine, soak up with inert absorbent material and dispose of properly. Clean with detergents. Avoid solvents.

Disposal Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State and local requirements. Use only approved waste management contractors. Do not incinerate in closed containers.

Fire/Explosion Hazard

Fire/Explos. Hazard

Fire will produce dense black smoke containing hazardous combustion products.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide, nitrogen oxides and smoke may be formed.

Hazardous

Decomposition or

Byproducts

Carbon monoxide, carbon dioxide, nitrogen oxides and smoke may be formed.

Fire Fighting

Procedures

In the event of fire, wear self-contained breathing apparatus. Cool tanks with water spray.

Extinguishing

Dry chemical, CO₂, water spray, alcohol foam.

Media

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

Stability and

Reactivity

Stability

Stable under normal temperatures and storage conditions.

Materials To Avoid

Oxidising agents, strongly alkaline and strongly acidic materials.

Conditions To Avoid

No decomposition if stored and applied as directed.

Hazchem Code 3[Y]E

OTHER INFORMATION

Toxicology

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 health 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.

Repeated or prolonged contact with the preparation may cause removal of the 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.

Risk Statement

R11 Highly flammable.

R20 Harmful by inhalation.

R36/37 Irritating to eyes and respiratory system.

Safety Statement

S2 Keep out of reach of children.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe gas/fumes/vapour/spray

S25 Avoid contact with eyes.

S29 Do not empty into drains.

S33 Take precautionary measures against static discharges.

S38 If insufficient ventilation, wear suitable respiratory equipment.

Pkg. & Labelling Contains: Toluene 5 - 10%; Xylene 5 - 10%; Methyl Ethyl Ketone 10 - 30%; Butyl Acetate

	10 - 30%
Hazard Category	Harmful, Irritant, Highly Flammable
Technical Data	SOURCE MSDS: COLOURNET, 08/2003
Ecological Information	Ecotoxicity Effects Xylene : LC50/fathead minnows = 27-42 mg/l

CONTACT POINT

Contact	<p>For sales, technical, and all product related enquiries contact Du Pont's North Sydney office on 9923 6111. Outside Sydney metropolitan area 1800 252 997 is a toll free number to North Sydney office to assist communications, ask for the customer service, Technical, or marketing personnel for the product family relative to the enquiry.</p> <p>Telephone numbers for other offices are: North Sydney: (02) 9923-6111 Melbourne: (03) 9721-5900 Perth: (08) 9316-7111</p> <p>The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.</p>
----------------	--

End of MSDS
