

# Material Safety Data Sheet

## SRA Vinyl Blue 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 Mixed Colours  
**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

<b>Acute - Swallowed</b>	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.
<b>Acute - Eye</b>	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.
<b>Acute - Skin</b>	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.
<b>Acute - Inhaled</b>	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.
<b>Chronic</b>	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

<b>Swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth, ingest activated charcoal. Call a physician immediately.
<b>Eye</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.
<b>Skin</b>	Wash off immediately with soap and plenty of water.
<b>Inhaled</b>	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/m<sup>3</sup>  
 NOHSC STEL : 200.0 ppm, 950.0 mg/m<sup>3</sup>  
 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/m<sup>3</sup>  
 NOHSC STEL : 150.0 ppm, 565.0 mg/m<sup>3</sup>  
 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/m<sup>3</sup>  
 NOHSC STEL : 150.0 ppm, 655.0 mg/m<sup>3</sup>  
 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. Dry chemical, CO<sub>2</sub>, water spray, alcohol foam.

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

---

## CONTACT POINT

---

<b>Contact</b>	<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

---