

## MATERIAL SAFETY DATA SHEET SCC3 CONFORMAL COATING

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name SCC3 CONFORMAL COATING  
Product No. DCA-b, EDCA01L, EDCA05L, EDCA25L, EDCA200L, ZE  
Proper Shipping Name PAINT

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Application: Conformal coating for appliance protection  
Uses Advised Against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

#### 1.3. Details of the supplier of the safety data sheet

Supplier H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
TEL: 02 9938 1566  
FAX: 02 9938 1467  
GENERAL MANAGER

#### 1.4. Emergency telephone number

Tel: 029938 1566 between 8.30am and 5.00pm EST

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

#### 2.2. Label elements

Contains XYLENE  
Label In Accordance With (EC) No. 1272/2008



Signal Word	Warning	
Hazard Statements	H226	Flammable liquid and vapour.
	H312	Harmful in contact with skin.
	H315	Causes skin irritation.
	H332	Harmful if inhaled.
Precautionary Statements	P280	Wear protective gloves, eye and face protection.
	Supplementary Precautionary Statements	
	P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
	P261	Avoid breathing vapour/spray.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

#### StAtement Of Hazardous Nature

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

ADR Class Class 3: Flammable liquids.

**SCC3 CONFORMAL COATING**

ADR Pack Group III  
 UN No. Road 1263  
 Emergency Action Code •3Y

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>XYLENE</b>	<b>30-60%</b>
CAS-No.: 1330-20-7	EC No.: 215-535-7
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	Classification (67/548) R10 Xn;R20/21 Xi;R38
<b>ETHYLBENZENE</b>	<b>5-10%</b>
CAS-No.: 100-41-4	EC No.: 202-849-4
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 4 - H332	Classification (67/548) F;R11 Xn;R20
<b>PROPAN-2-OL</b>	<b>1-5%</b>
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548) F;R11 Xi;R36 R67
<b>BENZENE, C10-13-ALKYL DERIVATIVES</b>	<b>&lt;0.5%</b>
CAS-No.: 67774-74-7	EC No.: 267-051-0
Classification (EC 1272/2008) Not classified.	Classification (67/548) N;R50.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16.

**Composition Comments**

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

**Ingestion**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention immediately!

**Skin contact**

Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

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### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists. Use tepid water for rinsing

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous Combustion Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground to sources of ignition.

#### Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Emergency Action Code           •3Y

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### 7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

#### Storage Class

Flammable compressed gas storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	ES-TWA	400 ppm	983 mg/m <sup>3</sup>	500 ppm	1230 mg/m <sup>3</sup>	
XYLENE	ES-TWA	80 ppm	350 mg/m <sup>3</sup>	150 ppm	655 mg/m <sup>3</sup>	

#### PROPAN-2-OL (CAS: 67-63-0)

##### DNEL

Industry	Dermal	888	mg/kg/day
Industry	Inhalation.	500	mg/m <sup>3</sup>
Consumer	Dermal	319	mg/kg/day
Consumer	Inhalation.	89	mg/m <sup>3</sup>
Consumer	Oral	26	mg/kg/day

##### PNEC

Freshwater	140.9	mg/l
Marinewater	140.9	mg/l
Sediment	552	mg/kg
Soil	28	mg/kg

#### 8.2. Exposure controls

##### Protective equipment



##### Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level.

##### Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

##### Respiratory equipment

Respiratory protection must be used if air contamination exceeds acceptable level. In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. Use respiratory equipment with combination filter, type A2/P3. EN14387

##### Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

##### Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

##### Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

##### Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber.
Odour	Aromatic.
Solubility	Immiscible with water
Boiling Point (°C)	137 - 143 (278 - 290 F)

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Relative density	0.965 @ 20 °C (68 F)
Vapour pressure	1.0 kPa @ 30 °C (86 F)
Flash point (°C)	27 (80.6 F) CC (Closed cup).
Flammability Limit - Lower(%)	7
Flammability Limit - Upper(%)	10

**9.2. Other information****SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions**

Not available.

**Hazardous Polymerisation**

Will not polymerise.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

**10.5. Incompatible materials****Materials To Avoid**

Strong oxidising substances.

**10.6. Hazardous decomposition products**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Toxicological information**

No information available.

**General information**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation**

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may irritate respiratory system or lungs.

**Ingestion**

Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. May cause liver and/or renal damage.

**Skin contact**

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

**Eye contact**

Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.

**Toxicological Information on Ingredients:**

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### XYLENE (CAS: 1330-20-7)

#### Acute toxicity:

##### Acute Toxicity (Oral LD50)

3523 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

12126 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

2700 mg/l (vapours) Rabbit 4 hours

#### Aspiration Hazard

##### Inhalation

Harmful by inhalation. Upper respiratory irritation. Central nervous system depression. Vapours may cause drowsiness and dizziness.

##### Ingestion

Swallowing concentrated chemical may cause severe internal injury. May cause nausea, headache, dizziness and intoxication. Diarrhoea.

##### Skin contact

Harmful in contact with skin. Irritating to skin.

##### Eye contact

May cause severe irritation to eyes.

##### Target Organs

Central nervous system Liver Kidneys

### PROPAN-2-OL (CAS: 67-63-0)

#### Acute toxicity:

##### Acute Toxicity (Oral LD50)

5280 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

12800 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

72.6 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment.

#### Ecological Information on Ingredients:

### XYLENE (CAS: 1330-20-7)

#### Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### 12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l

Xylene 2.6-8.4

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### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

##### **Acute Toxicity Aquatic Invertebrates**

EC50 48 hours 1.0 mg/l Daphnia magna

##### **Acute Toxicity - Aquatic Plants**

IC50 72 hours 2.2 mg/l

#### PROPAN-2-OL (CAS: 67-63-0)

##### **Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

##### **Acute Toxicity Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

##### **Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

##### **Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated Sludge

### **12.2. Persistence and degradability**

#### **Degradability**

There are no data on the degradability of this product.

### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

##### **Degradability**

The product is biodegradable.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

##### **Bioaccumulation factor**

BCF: 25.9

##### **Partition coefficient**

3.2

### **12.4. Mobility in soil**

### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

##### **Mobility:**

The product is insoluble in water.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB Substances.

### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

Not Classified as PBT/vPvB by current EU criteria.

### **12.6. Other adverse effects**

### Ecological Information on Ingredients:

#### XYLENE (CAS: 1330-20-7)

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**SCC3 CONFORMAL COATING****13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

UN No. Road	1263
UN No. Sea	1263
UN No., Air	1263

**14.2. UN proper shipping name**

Proper Shipping Name	PAINT
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**14.3. Transport hazard class(es)**

ADR Class No.	3
ADR Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class	3
Transport Labels	

**14.4. Packing group**

ADR Pack Group	III
IMDG Pack Gr.	III
Air Pack Gr.	III

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS	F-E, S-E
Emergency Action Code	•3Y
Tunnel Restriction Code	(D/E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required.

UDF Phrase 1	Class 3: Flammable liquid
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**SECTION 15: REGULATORY INFORMATION**

Poisons Schedule Number	none
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**National Regulations And References**

National Model Regulations for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Labelling of Workplace Substances.



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National Code of Practice for the Preparation of Material Safety Data Sheets.

Approved Criteria for Classifying Hazardous Substances.

Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are noted for this product.

**Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions of use are noted for this product.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

**Issued By** Helen O'Reilly

**Revision Date** APRIL 2013

**Revision** 10

**SDS No.** 11407

**Risk Phrases In Full**

R10 Flammable.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R20 Harmful by inhalation.  
 R11 Highly flammable  
 R36 Irritating to eyes.  
 R38 Irritating to skin.  
 R67 Vapours may cause drowsiness and dizziness.  
 R50 Very toxic to aquatic organisms.

**Hazard Statements In Full**

H319 Causes serious eye irritation.  
 H315 Causes skin irritation.  
 H226 Flammable liquid and vapour.  
 H332 Harmful if inhaled.  
 H312 Harmful in contact with skin.  
 H225 Highly flammable liquid and vapour.  
 H336 May cause drowsiness or dizziness.

**Disclaimer**

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.