



## SAFETY DATA SHEET SCC3 CONFORMAL COATING

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

**PRODUCT NAME** SCC3 CONFORMAL COATING  
**PRODUCT NO.** EDCA01L/ 05L/25L  
**APPLICATION** Conformal coating for appliance protection  
**SUPPLIER** ELECTROLUBE. A division of  
HK WENTWORTH LTD  
KINGSBURY PARK, MIDLAND  
ROAD  
SWADLINCOTE  
DERBYSHIRE, DE11 0AN  
UNITED KINGDOM  
+44(0)1283 222 111  
+44(0)1283 550 177  
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**EMERGENCY TELEPHONE** +44(0)1283 222 111 between 8.30 am - 5.00pm Mon - Fri

### 2 HAZARDS IDENTIFICATION

Flammable.

Harmful by inhalation and in contact with skin.

Irritating to skin.

**CLASSIFICATION** Xn;R20/21. Xi;R38. R10.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
XYLENE	215-535-7	1330-20-7	30-60%	R10 Xn;R20/21 Xi;R38
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLIN E-3-ONE		64359-81-5	<0.1%	T+;R26. Xn;R22. C;R34. N;R50. R43.

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

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

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

Treat symptomatically

#### 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.

#### 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

### SCC3 CONFORMAL COATING

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

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

##### SPECIAL FIRE FIGHTING PROCEDURES

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

#### 6 ACCIDENTAL RELEASE MEASURES

##### ENVIRONMENTAL PRECAUTIONS

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

##### SPILL CLEAN UP METHODS

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.

#### 7 HANDLING AND STORAGE

##### USAGE PRECAUTIONS

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.

##### STORAGE PRECAUTIONS

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.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLIN E-3-ONE	WEL	50 ppm	220 mg/m3	100 ppm	441 mg/m3	
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

##### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

##### PROTECTIVE EQUIPMENT



##### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

##### RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

##### 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 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.

### SCC3 CONFORMAL COATING

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Amber		
ODOUR	Aromatic.		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	137 - 143 (278 - 290 F)	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

#### 10 STABILITY AND REACTIVITY

##### STABILITY

Stable under normal temperature conditions.

##### CONDITIONS TO AVOID

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

##### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

#### 11 TOXICOLOGICAL INFORMATION

##### 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.

Name	XYLENE
Toxic Dose 1 - LD 50	4300 mg/kg (oral rat)
Name	PROPAN-2-OL
Toxic Dose 1 - LD 50	5045 mg/kg (oral rat)
Toxic Dose 2 - LD 50	3600 mg/kg (oral-mouse)
Toxic Conc. - LC 50	47-73 mg/l/4h (inh-rat)

#### 12 ECOLOGICAL INFORMATION

##### ECOTOXICITY

Not regarded as dangerous for the environment.

LC 50, 96 Hrs, FISH mg/l Xylene 2.6-8.4

Name	XYLENE
LC 50, 96 Hrs, FISH mg/l	2.6-8.4
EC 50, 48 Hrs, DAPHNIA, mg/l	1.0-4.7
Name	PROPAN-2-OL
LC 50, 96 Hrs, FISH mg/l	9600
EC 50, 48 Hrs, DAPHNIA, mg/l	10000

#### 13 DISPOSAL CONSIDERATIONS

### SCC3 CONFORMAL COATING

#### DISPOSAL METHODS

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

#### 14 TRANSPORT INFORMATION



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	PAINT	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1263	HAZARD No. (ADR)	30
ADR CLASS NO.	3	HAZCHEM CODE	3YE
ADR PACK GROUP	III	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1263
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	IMDG PAGE NO.	3
RID PACK GROUP	III	EMS	F-E, S-E
IMDG CLASS	3	MARINE POLLUTANT	No.
IMDG PACK GR.	III	AIR CLASS	3
MFAG	See Guide		
UN NO. AIR	1263		
AIR PACK GR.	III		

#### 15 REGULATORY INFORMATION

##### SYMBOLS



Harmful

##### CONTAINS

XYLENE

##### RISK PHRASES

R10 Flammable.  
R38 Irritating to skin.  
R20/21 Harmful by inhalation and in contact with skin.

##### SAFETY PHRASES

S24 Avoid contact with skin.  
S51 Use only in well-ventilated areas.  
S36/37 Wear suitable protective clothing and gloves.

##### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

##### ENVIRONMENTAL LISTING

Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980. Rivers (Prevention of Pollution) Act 1961.

##### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

