

~~51002591~~
51002907

ELECTROLUBE
THE SOLUTIONS PEOPLE

SAFETY DATA SHEET
SCC3 CONFORMAL COATING

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name SCC3 CONFORMAL COATING
Product number DCA-b, EDCA01L, EDCA05L, ZE

Recommended use of the chemical and restrictions on use

Application Appliance protection.
Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier HK WENTWORTH-AMERICA
HK WENTWORTH-AMERICA
PO BOX 271347
FLOWER MOUND
TEXAS 75027
USA
info@hkw.co.uk

Emergency telephone number

Emergency telephone +1 202 464 2554 (USA only)
+44 1235 239670

2. Hazard(s) identification

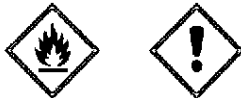
Classification of the substance or mixture

EC No 1272/2008

Physical hazards Flam. Liq. 3 - H226
Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315
Environmental hazards Not Classified

Label elements

Pictogram



Signal word Warning

Hazard statements H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H332 Harmful if inhaled.

SCC3 CONFORMAL COATING

Precautionary statements	<p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a poison center/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> <p>P102 Keep out of reach of children.</p>
---------------------------------	--

Contains XYLENE, ETHYLBENZENE

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

XYLENE	30-60%
CAS number: 1330-20-7	
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
ETHYLBENZENE	5-10%
CAS number: 100-41-4	
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H332	
STOT RE 2 - H373	
Asp. Tox. 1 - H304	

SCC3 CONFORMAL COATING

PROPAN-2-OL CAS number: 67-63-0	<1%
Classification Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336	
4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE CAS number: 64359-81-5 M factor (Acute) = 100	<1%
Classification Acute Tox. 4 - H302 Acute Tox. 1 - H330 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400	

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition comments No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
Skin Contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. May explode when heated or when exposed to flames or sparks. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

SCC3 CONFORMAL COATING

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapors.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers.

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.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Avoid contact with skin and eyes. Avoid spilling.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidizing materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Flammable compressed gas storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

XYLENE

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 434 mg/m³

Short-term exposure limit (15-minute): ACGIH 150 ppm 651 mg/m³

A4

ETHYLBENZENE

SCC3 CONFORMAL COATING

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 87 mg/m³
A3

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m³

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 492 mg/m³

Short-term exposure limit (15-minute): ACGIH 400 ppm 984 mg/m³

A4

4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE

Long-term exposure limit (8-hour TWA): 221

Short-term exposure limit (15-minute): 442

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

A4 = Not Classifiable as a Human Carcinogen.

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

DNEL	Industry - Dermal; : 888 mg/kg/day Industry - Inhalation; : 500 mg/m ³ Consumer - Dermal; : 319 mg/kg/day Consumer - Inhalation; : 89 mg/m ³ Consumer - Oral; : 26 mg/kg/day
PNEC	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Sediment; 552 mg/kg - Soil; 28 mg/kg

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation.

Other skin and body protection

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

Hygiene measures

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

Respiratory protection Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Gas and combination filter cartridges should comply with OSHA 1910.134.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Amber.
Odor	Aromatic.
Initial boiling point and range	137 - 143°C/278 - 289.4°F @
Flash point	27°C/80.6°F CC (Closed cup).
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 7% Upper flammable/explosive limit: 10%
Vapor pressure	1.0 kPa @ 30°C/86°F
Relative density	0.965 @ 20°C/68°F
Solubility(ies)	Immiscible with water.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Not available. Will not polymerize.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidizing agents.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 3,470.03

Acute toxicity - inhalation

ATE inhalation (gases ppm) 10,922.33

ATE inhalation (vapours mg/l) 26.7

ATE inhalation (dusts/mists mg/l) 3.64

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

SCC3 CONFORMAL COATING

Inhalation	Vapors may cause headache, fatigue, dizziness and nausea. Vapor may irritate respiratory system/lungs.
Ingestion	Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. May cause liver and/or renal damage.
Skin Contact	Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause skin irritation/eczema. Prolonged or repeated exposure may cause severe irritation.
Eye contact	Irritating to eyes. Vapor or spray may cause temporary (reversible) eye damage.

Toxicological information on ingredients.

XYLENE

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 12,126.0 mg/kg)

Species Rabbit

ATE dermal (mg/kg) 1,100.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

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. Diarrhea.

Skin Contact Harmful in contact with skin. Irritating to skin.

Eye contact May cause severe eye irritation.

Target Organs Central nervous system Liver Kidneys

ETHYLBENZENE

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

PROPAN-2-OL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 4,700.0 mg/kg)

Species Rat

ATE oral (mg/kg) 4,700.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 12,800.0 mg/kg)

Species Rabbit

SCC3 CONFORMAL COATING

Acute toxicity - inhalation

Acute toxicity inhalation 46.5
(LC₅₀ vapours mg/l)

Species Rat

ATE inhalation (vapours 46.5
mg/l)

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Inhalation Vapors may cause headache, fatigue, dizziness and nausea.

Eye contact Irritating to eyes.

Acute and chronic health hazards Irritation of eyes and mucous membranes. Narcotic effect. Central nervous system depression.

Route of entry Skin and/or eye contact Skin absorption Ingestion

Target Organs Central nervous system Eyes Skin Respiratory system, lungs

Medical Symptoms Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). General respiratory distress, unproductive cough. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

12. Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

Ecological information on ingredients.

XYLENE

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Acute toxicity - fish LC₅₀, 96 hours: Xylene 2.6-8.4 mg/l, Fish

Ecological information on ingredients.

XYLENE

Acute toxicity - fish LC₅₀, 96 hours: mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1.0 mg/l, Daphnia magna
EC₅₀, 48 hours: mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 2.2 mg/l,

PROPAN-2-OL

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

SCC3 CONFORMAL COATING

Acute toxicity - aquatic plants EC₅₀, 72 hours: > 1.000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC₅₀, >: > 1.000 mg/l, Activated sludge

4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE

Acute aquatic toxicity

LE(C)₅₀ 0.001 < L(E)C₅₀ ≤ 0.01

M factor (Acute) 100

Acute toxicity - fish LC₅₀, 96 hours: 0.0078 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.0097 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 0.025 mg/l, Algae

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

XYLENE

Persistence and degradability The product is biodegradable.

PROPAN-2-OL

Persistence and degradability The product is readily biodegradable.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Ecological information on ingredients.

XYLENE

Bio-Accumulative Potential BCF: 25.9,

Partition coefficient : 3.2

PROPAN-2-OL

Bio-Accumulative Potential The product does not contain any substances expected to be bioaccumulating.

Mobility in soil

Ecological information on ingredients.

XYLENE

Mobility The product is insoluble in water.

Results of PBT and vPvB assessment

SCC3 CONFORMAL COATING

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

XYLENE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

PROPAN-2-OL

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Ecological information on ingredients.

XYLENE

Other adverse effects Not determined.

13. Disposal considerations

Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (TDG)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (DOT)	1D8000

UN proper shipping name

Proper shipping name (TDG)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (DOT)	CONSUMER COMMODITY

Transport hazard class(es)

DOT hazard class	9
DOT hazard label	9
TDG class	3
TDG label(s)	3
IMDG Class	3

SCC3 CONFORMAL COATING

ICAO class/division 3

Transport labels**DOT transport labels****Packing group**

TDG Packing Group III

IMDG packing group III

ICAO packing group III

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E, S-E

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information**US Federal Regulations**

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

XYLENE

ETHYLBENZENE

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

ETHYLBENZENE

California Air Toxics "Hot Spots" (A-I)

XYLENE

California Directors List of Hazardous Substances

XYLENE

Massachusetts "Right To Know" List

XYLENE

PROPAN-2-OL

ETHYLBENZENE

SCC3 CONFORMAL COATING

Rhode Island "Right To Know" List

XYLENE

PROPAN-2-OL

ETHYLBENZENE

Minnesota "Right To Know" List

XYLENE

PROPAN-2-OL

ETHYLBENZENE

New Jersey "Right To Know" List

XYLENE

PROPAN-2-OL

ETHYLBENZENE

Pennsylvania "Right To Know" List

XYLENE

PROPAN-2-OL

ETHYLBENZENE

Inventories

EU - EINECS/ELINCS

4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE

XYLENE

PROPAN-2-OL

ETHYLBENZENE

Canada - DSL/NDL

4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE

XYLENE

PROPAN-2-OL

ETHYLBENZENE

US - TSCA

All the ingredients are listed or exempt.

4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOLINE-3-ONE

XYLENE

PROPAN-2-OL

ETHYLBENZENE

US - TSCA 12(b) Export Notification

PROPAN-2-OL

16. Other information

SCC3 CONFORMAL COATING

Issued by	Bethan Massey
Revision date	10/10/2016
Revision	18
SDS No.	11407
Hazard statements in full	<p>H225 Highly flammable liquid and vapor. H226 Flammable liquid and vapor. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure. H400 Very toxic to aquatic life.</p>
NFPA - health hazard	Temporary incapacitation, injury. (2)
NFPA - flammability hazard	Ignites easily. (3)
NFPA - instability hazard	Normally stable. (0)
ACA HMIS Health rating.	Moderate hazard. (2)
ACA HMIS Flammability rating.	Ignites easily. (3)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	B

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.

