SAFETY DATA SHEET
FLEXIBLE SILICONE COATING

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

PRODUCT NAME: FLEXIBLE SILICONE COATING
PRODUCT NO.: FSC-b  
EFSC15ML  
EFSL05L  
ZE
APPLICATION: Conformal coating for appliance protection
SUPPLIER: ELECTROLUBE. A division of  
HK WENTWORTH LTD  
ASHBY PARK, COALFIELD WAY,  
ASHBY DE LA ZOUCH,  
LEICESTERSHIRE LE65 1JF  
UNITED KINGDOM  
+44 (0)1530 419600  
+44 (0)1530 416640  
info@hkw.co.uk
EMERGENCY TELEPHONE: +44 (0)1530 419600 between 8.30am - 5.00pm Mon – Fri

2 HAZARDS IDENTIFICATION

Flammable.
Harmful by inhalation and in contact with skin.
Irritating to skin.
ENVIRONMENT: The product is not expected to be hazardous to the environment.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>215-535-7</td>
<td>1330-20-7</td>
<td>30-60%</td>
<td>R10 Xn;R20/21 Xi;R38</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases is 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. Provide rest, warmth and fresh air. 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.
FLEXIBLE SILICONE 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 onto the ground or into water courses.

SPILL CLEAN UP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. 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. Provide good ventilation.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>WEL</td>
<td>50 ppm</td>
<td>220 mg/m³</td>
<td>100 ppm 441 mg/m³ Sk</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through skin.

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION
Protective gloves must be used if there is a risk of direct contact or splash. 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
Use approved safety goggles or face shield.

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Liquid

COLOUR
Colourless

SOLUBILITY
Immiscible with water

RELATIVE DENSITY
1.05 @ 20 C (68 F)

VISCOITY
550 cps @ 20 C (68 F)
FLEXIBLE SILICONE COATING

Flash Point (°C) 25 (77 F) CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid heat. Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

11 TOXICOCLOGICAL INFORMATION

INHALATION
Harmful by inhalation. May cause irritation to the respiratory system.

INGESTION
May cause discomfort if swallowed.

SKIN CONTACT
Irritating to skin. Product has a defatting effect on skin.

EYE CONTACT
Irritating to eyes.

OTHER HEALTH EFFECTS
This substance has no evidence of carcinogenic properties.

ROUTE OF ENTRY
Inhalation. Skin absorption.

<table>
<thead>
<tr>
<th>Name</th>
<th>Toxic Dose 1 - LD 50</th>
<th>Toxic Dose 2 - LD 50</th>
<th>Toxic Conc. - LC 50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4300 mg/kg (oral rat)</td>
<td>2000 mg/kg (oral-rbt)</td>
<td>22.1 mg/l/4h (inh-rat)</td>
</tr>
</tbody>
</table>

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment.

<table>
<thead>
<tr>
<th>Name</th>
<th>LC 50, 96 Hrs, Fish mg/l</th>
<th>EC 50, 48 Hrs, Daphnia, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>2.6-8.4</td>
<td>1.0-4.7</td>
</tr>
</tbody>
</table>

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

GENERAL
For US Domestic transportation this product is classified as a Consumer Commodity. For International transportation this product is classified as UN1263 PAINT.

PROPER SHIPPING NAME
PAINT

PROPER SHIPPING NAME
CONSUMER COMMODITY
FLEXIBLE SILICONE COATING

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT UN NO. ROAD 1263
ADR CLASS NO. 3
ADR CLASS Class 3: Flammable liquids.
ADR PACK GROUP III
HAZARD No. (ADR) 30
ADR LABEL NO. 3
HAZCHEM CODE •3YE
UN NO. SEA 1263
IMDG CLASS 3
IMDG PACK GR. III
EMS F-E, S-E
UN NO. AIR 1263
AIR CLASS 3
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

CONTAINS XYLENE

RISK PHRASES

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

SAFETY PHRASES

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

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

ENVIRONMENTAL LISTING


EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.
Dangerous Substance Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).
### FLEXIBLE SILICONE COATING

#### 16 OTHER INFORMATION

**REVISION COMMENTS**
Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

**ISSUED BY**
Helen O'Reilly

<table>
<thead>
<tr>
<th>REV. NO./REPL. SDS</th>
<th>GENERATED</th>
<th>SDS NO.</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>12471</td>
</tr>
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</table>

**RISK PHRASES IN FULL**
- R10 Flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R38 Irritating to skin.

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**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.