SAFETY DATA SHEET
SIKALASTIC®-621 TC (DECOTHANE TOP COAT)

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

PRODUCT NAME     SIKALASTIC®-621 TC (DECOTHANE TOP COAT)
APPLICATION       Surface coating for the building and construction industry
SUPPLIER          SIKA SERVICES AG
                  BU Contractors
                  Tüffenwies 16
                  CH-8048 Zürich
                  +41 58 436 40 40
                  +41 58 436 43 43
                  sika@sika.ch
EMERGENCY TELEPHONE + 44(0)870 190 6777 (24hr, ENG)

2 HAZARDS IDENTIFICATION

Harmful by inhalation. May cause sensitisation by inhalation and skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CLASSIFICATION   Xn;R20. R42/43. N;R51/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-METHOXY-1-METHYLETHYL ACETATE</td>
<td>203-603-9</td>
<td>108-65-6</td>
<td>10-30%</td>
<td>R10 Xi;R36</td>
</tr>
<tr>
<td>DIPHENYLCRESYL PHOSPHATE</td>
<td>247-693-8</td>
<td>26444-49-5</td>
<td>5-10%</td>
<td>N;R51/53</td>
</tr>
<tr>
<td>ISOPHORONE DI-ISOCYANATE</td>
<td>223-861-6</td>
<td>4098-71-9</td>
<td>&lt; 1%</td>
<td>T;R23 R42/43 Xi;R36/37/38 N;R51/53</td>
</tr>
<tr>
<td>ISOPHORONE DISOCYANATE HOMOPOLYMER</td>
<td>500-125-5</td>
<td>53880-05-0</td>
<td>1-5%</td>
<td>R43.</td>
</tr>
<tr>
<td>TRIPHENYL PHOSPHATE</td>
<td>204-112-2</td>
<td>115-86-6</td>
<td>1-5%</td>
<td>N;R50/53.</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

GENERAL INFORMATION
Remove affected person from source of contamination.

INHALATION
Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped.

INGESTION
Immediately rinse mouth and provide fresh air. Consult a physician for specific advice. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

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 and get medical attention. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES
SIKALASTIC® -621 TC (DECOTHANE TOP COAT)

EXTINGUISHING MEDIA
Fire can be extinguished using: Foam. Powder. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES
Avoid breathing fire vapours. Containers close to fire should be removed or cooled with water. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS
May ignite at high temperature.

SPECIFIC HAZARDS
Closed containers can burst violently when heated, due to excess pressure build-up.

PROTECTIVE MEASURES IN FIRE
Wear full protective clothing. Use air-supplied respirator during fire fighting.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

SPILL CLEAN UP METHODS
Ventilate well. Should be prevented from entering drains. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Avoid contact with skin and eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid inhalation of vapours and spray mists. Do not use in confined spaces without adequate ventilation and/or respirator. During application and drying, solvent vapours will be emitted. Persons with impaired lung functions should not handle this preparation. Persons susceptible for allergic reactions should not handle this product. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS
Store in a dry place. Protect from freezing and direct sunlight. Store below 25°C. Avoid storing for very long periods.

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>2-METHOXY-1-METHYLETHYL ACETATE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>274 mg/m3(Sk)</td>
<td>100 ppm(Sk) 548 mg/m3(Sk)</td>
</tr>
<tr>
<td>ISOPHORONE DI-ISOCYANATE</td>
<td>WEL</td>
<td>0.02 mg/m3(Sk)</td>
<td>0.07 mg/m3(Sk)</td>
<td></td>
</tr>
<tr>
<td>TRIPHENYL PHOSPHATE</td>
<td>WEL</td>
<td>3</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash station.

ENGINEERING MEASURES
Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.
SIKAFLASH® -621 TC (DECOTHANE TOP COAT)

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. If ventilation is insufficient, suitable respiratory protection must be provided. When spraying use suitable air-supplied respirator. Wear respiratory protection with combination filter (dust and gas filter) during spraying operations. Seek advice from supervisor on the companies' respiratory protection standards.

HAND PROTECTION
Wear protective gloves. Nitrile gloves are recommended. 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 tight-fitting goggles or face shield.

OTHER PROTECTION
Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES
When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Coloured liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Varying</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Mild Hydrocarbon</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Immiscible with water</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>&gt;100@ 760 mm Hg</td>
</tr>
<tr>
<td>VAPOUR DENSITY (air=1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>62</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - LOWER(%)</td>
<td>1.5</td>
</tr>
<tr>
<td>VOC (2004/42/EC) category</td>
<td>(A,i): 500 g/l (2010)</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time. Avoid contact with water. The product will harden into a hard mass in contact with water and moisture.

HAZARDOUS DECOMPOSITION PRODUCTS
If heated, vapours/gases hazardous to health (e.g. CO, NOx, isocyanates) may be formed.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION
Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system.

INHALATION
Harmful by inhalation. May cause sensitisation by inhalation. Vapour from this chemical can be hazardous when inhaled. May cause an asthma-like shortness of breath. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

INGESTION
May cause stomach pain or vomiting.

SKIN CONTACT
May cause sensitisation by skin contact. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

EYE CONTACT
Irritating to eyes.

12 ECOLOGICAL INFORMATION
SIKALASTIC® -621 TC (DECOThANE TOP COAT)

ECOTOXICITY
The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY
The product is immiscible with water and will sediment in water systems. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

BIOACCUMULATION
No data available on bioaccumulation.

DEGRADABILITY
The product is not readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Contact supplier for disposal information.

14 TRANSPORT INFORMATION

UK ROAD CLASS 9
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diphenylcresyl phosphate, Triphenyl phosphate)
UN NO. ROAD 3082
ADR CLASS NO. 9
ADR PACK GROUP III
ADR LABEL NO. 9
CEFC TEC(R) NO. 90GMB-III
RID PACK GROUP III
IMDG CLASS 9
EMS F-A, S-F
MARINE POLLUTANT UN NO. AIR 3082

15 REGULATORY INFORMATION

LABELLING

Harmful

Dangerous for the environment

4 / 5
## SIKALASTIC®-621 TC (DECOTHANE TOP COAT)

**CONTAINS**
- ISOPHORONE DI-ISOCYANATE
- ISOPHORONE DIISOCYANATE HOMOPOLYMER

### RISK PHRASES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R20</td>
<td>Harmful by inhalation.</td>
</tr>
<tr>
<td>R42/43</td>
<td>May cause sensitisation by inhalation and skin contact.</td>
</tr>
<tr>
<td>R51/53</td>
<td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
</tbody>
</table>

### SAFETY PHRASES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S23</td>
<td>Do not breathe vapour/spray.</td>
</tr>
<tr>
<td>S24</td>
<td>Avoid contact with skin.</td>
</tr>
<tr>
<td>S37</td>
<td>Wear suitable gloves.</td>
</tr>
<tr>
<td>S45</td>
<td>In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).</td>
</tr>
<tr>
<td>S61</td>
<td>Avoid release to the environment. Refer to special instructions/safety data sheets.</td>
</tr>
<tr>
<td>P4</td>
<td>Contains isocyanates. See information supplied by the manufacturer.</td>
</tr>
</tbody>
</table>

### EU DIRECTIVES


### STATUTORY INSTRUMENTS

- Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

- Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

- Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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## 16 OTHER INFORMATION

### GENERAL INFORMATION

Only trained personnel should use this material.

### ISSUED BY

Mike Byrne

### REVISION DATE

01/04/2009

### REV. NO./REPL. SDS GENERATED

1

### RISK PHRASES IN FULL

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R10</td>
<td>Flammable.</td>
</tr>
<tr>
<td>R36/37/38</td>
<td>Irritating to eyes, respiratory system and skin.</td>
</tr>
<tr>
<td>R36</td>
<td>Irritating to eyes.</td>
</tr>
<tr>
<td>R42/43</td>
<td>May cause sensitisation by inhalation and skin contact.</td>
</tr>
<tr>
<td>R43</td>
<td>May cause sensitisation by skin contact.</td>
</tr>
<tr>
<td>R23</td>
<td>Toxic by inhalation.</td>
</tr>
<tr>
<td>R51/53</td>
<td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>R50/53</td>
<td>Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
</tbody>
</table>

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### DISCLAIMER

The information given is believed to be correct but does not claim to be all inclusive and is to be used only as a guide. This company will not be held liable for any damage resulting from handling or from contact with this product. Do not use without referring to the product and safety data sheet. Refer to all local, national and international regulations. Protect from frost and heat - stir before use. Manufactured in the E.U. under an ISO9000 registered system.