Here follows the Material Health and Safety Data Sheets for the **Sikagard® AntiGraffiti System**. This is a 3 product system which uses **Sikafloor® 2420**, **Sikafloor® EG5** and **Icosit® 6230**.

Please note the following:

**Clear System**
If you are applying as a clear system you will require:
Two coats of **Sikafloor® 2420** followed by Two coats of **Icosit® 6230**.

**Coloured System**
If you are applying as a coloured system you will require:
One coat of **Sikafloor® 2420**, one coat of **Icosit® EG5** followed by two coats of **Icosit® 6230**.

If in any doubt please contact our Technical Department on **01707 394444**
1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code**
SKFL242A

**Product Name**
Sikafloor 2420 Part A

**Product Description**
2-component solvented epoxy resin based protective coating for floors and walls.

**Manufacturer/Supplier**
Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS

**Preparation - Hazardous ingredients (Europe)**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS/EINECS</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A (epichlorohydrin)</td>
<td>25068-38-6</td>
<td>2.50% - 10.00%</td>
<td>Xi, N</td>
<td>R36/38, R43, R51/53</td>
</tr>
<tr>
<td>Epoxy resin Av.Mol.Wt &lt; 700</td>
<td>25068-38-6</td>
<td>10.00% - 25.00%</td>
<td>Xi</td>
<td>R36/38, R43,</td>
</tr>
<tr>
<td>Reaction product: bisphenol-A (epichlorohydrin)Epoxy resin Av.Mol.Wt 700-1100</td>
<td>9003-36-5</td>
<td>2.50% - 10.00%</td>
<td>Xi, N</td>
<td>R36/38, R43, R51/53</td>
</tr>
<tr>
<td>Epoxy resin Av.Mol.wt. &lt;700</td>
<td>1330-20-7</td>
<td>25.00% - 50.00%</td>
<td>Xn</td>
<td>R10, R20/21, R38</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>10.00% - 25.00%</td>
<td>F, Xn</td>
<td>R11, R20</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>10.00% - 25.00%</td>
<td>Xn</td>
<td>R20/22</td>
</tr>
<tr>
<td>4-methylpentan-2-one</td>
<td>108-10-1</td>
<td>2.50% - 10.00%</td>
<td>F, Xn</td>
<td>R11, R20, R36/37, R66</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

**Main Hazards**
Flammable.
Harmful by inhalation and in contact with skin.
Irritating to eyes and skin.
May cause sensitisation by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

**Eye Contact**
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
Obtain medical attention urgently.

**Skin Contact**
Wash skin thoroughly with soap and water.
Solvents should not be used to clean skin because they may increase the penetration of the material.
Contaminated clothing should be washed or dry-cleaned before re-use.
Obtain medical attention if blistering occurs or redness persists.

**Ingestion**
Do not induce vomiting.
Obtain medical attention.

**Inhalation**
Remove from exposure. Obtain medical attention.
5. FIRE FIGHTING MEASURES

**Extinguishing Media**
Use foam, dry chemical or carbon dioxide.

**Extinguishing Media - Not suitable**
Dry sand may be used on small fires.

**Special Hazards of Product**
Combustion will produce smoke, carbon dioxide and carbon monoxide.

**Protective Equipment for Fire-Fighting**
Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Wear appropriate protective clothing. Eliminate all sources of ignition.

**Environmental Precautions and Clean-up Methods**
Try to prevent the material from entering drains or water courses.

**Spillages**
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

**Handling**
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Use in well ventilated area. Avoid inhaling vapour.

Avoid contact with eyes, skin and clothing.

**Storage**
Storage area should be: cool, dry, well ventilated, out of direct sunlight.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits - GB**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>GB Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>UK EH40: WEL 50ppm (220mg/m³) 8h TWA.</td>
</tr>
<tr>
<td></td>
<td>UK EH40: WEL 100ppm (441mg/m³) 15min STEL</td>
</tr>
<tr>
<td>4-methylpentan-2-one</td>
<td>UK EH40: WEL 50ppm (208mg/m³) 8h TWA.</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>UK EH40: WEL 100ppm (416mg/m³) 15min STEL</td>
</tr>
<tr>
<td></td>
<td>UK EH40: WEL 100ppm (441mg/m³) 8h TWA.</td>
</tr>
<tr>
<td></td>
<td>UK EH40: WEL 125ppm (552mg/m³) 15min STEL</td>
</tr>
</tbody>
</table>

**Engineering Control Measures**
Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**
Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

**Hand Protection**
Wear suitable impervious gloves. (butyl / nitrile type)

**Eye Protection**
Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic</td>
</tr>
<tr>
<td>Flash Point °C</td>
<td>26</td>
</tr>
<tr>
<td>Solubility - Water</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Density (kg/m³)</td>
<td>Approx. 950 at 20 °C.</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
Sikafloor 2420 Part A


10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability</th>
<th>Stable under normal conditions. Contains volatile solvent.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to avoid</td>
<td>Sources of ignition. Extremes of temperature.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Combustion will generate: oxides of carbon, acrid smoke and irritating fumes.</td>
</tr>
</tbody>
</table>

11. TOXICOCLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Low order of acute toxicity.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye irritation</td>
<td>Liquid and vapour can cause irritation on contact and at high concentrations.</td>
</tr>
<tr>
<td>Skin irritation</td>
<td>Frequent skin contact may cause irritation and defatting due to the solvent content.</td>
</tr>
<tr>
<td>Sensitization - Skin</td>
<td>The low molecular weight epoxy resin is a potential skin sensitiser.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Mobility</th>
<th>The product is insoluble in water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence/degradability</td>
<td>The product is expected to be not readily biodegradable.</td>
</tr>
<tr>
<td>Ecotoxicity</td>
<td>This material is harmful to aquatic organisms.</td>
</tr>
</tbody>
</table>

13. DISPOSAL

<table>
<thead>
<tr>
<th>Product Disposal</th>
<th>Hazardous waste.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container Disposal</td>
<td>Arrange for disposal via a licensed waste contractor. Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN : UN number</th>
<th>1263</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN : Proper shipping name</td>
<td>Paint</td>
</tr>
<tr>
<td>UN : Class</td>
<td>3.3</td>
</tr>
<tr>
<td>UN : Packing Group</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID : Number</td>
<td>1263</td>
</tr>
<tr>
<td>ADR/RID : Proper shipping name</td>
<td>Paints - flash point between 21°C and 55°C.</td>
</tr>
<tr>
<td>ADR/RID : Class</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID : Item Number</td>
<td>Class F1 Special provision 640E</td>
</tr>
<tr>
<td>IMDG : Proper shipping name</td>
<td>Paint.</td>
</tr>
<tr>
<td>IMDG : Packing Group</td>
<td>3</td>
</tr>
<tr>
<td>IMDG : Class</td>
<td>3.3</td>
</tr>
<tr>
<td>IMDG : Ems Number</td>
<td>F-E, S-E</td>
</tr>
<tr>
<td>IATA : Proper shipping name</td>
<td>Paint.</td>
</tr>
<tr>
<td>IATA : Packing Group</td>
<td>3</td>
</tr>
<tr>
<td>IATA : Class</td>
<td>3</td>
</tr>
</tbody>
</table>

CM Version - 2.01 Page: 3/4
SAFETY DATA SHEET
Sikafloor 2420 Part A


15. REGULATORY INFORMATION

**Label Requirements**
- Harmful

**Risk Phrases**
- Flammable.
- Harmful by inhalation and in contact with skin.
- Irritating to eyes and skin.
- May cause sensitisation by skin contact.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases**
- Avoid contact with skin.
- If swallowed seek medical advice immediately and show this container or label.
- Use only in well ventilated areas.
- Wear suitable protective clothing, gloves and eye/face protection.

Contains epoxy constituents. See information supplied by the manufacturer.

**Contains**
- Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (no av mol wt 700-1100)
- Reaction product: bisphenol A-(epichlorhydrin) epoxy resin (no av mol wt <= 700)
- Reaction product: bisphenol F-(epichlorhydrin) epoxy resin (no av mol wt <= 700)
- xylene

16. OTHER INFORMATION

**First Issue Date**
- 10.11.1997

**Revisions Highlighted**
- Composition and Information on Ingredients
- Exposure controls/personal protection
- Regulatory Information

**Uses and Restrictions**
- Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer’s responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**
- SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations
- SI 2002/2677: The Control of Substances Hazardous to Health Regulations
- SI No 2839 1991 Environmental Protection (Duty of Care) Regulations
- SI 2002/2776: Dangerous Substances and Explosive Atmospheres Regulations
- SI 2005/ 894 Hazardous waste regulations 2005

**UK Guidance Publications**
- General Approved Code of Practice to COSHH Regulations, HSE.
- EH40, Occupational Exposure Limits, HSE. Revised Annually.

**Footnote**
- The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.
1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code** SKFL242B  
**Product Name** Sikafloor 2420 Part B  
**Product Description** 2-component solvented epoxy resin based protective coating for floors and walls.  
**Manufacturer/Supplier**  
Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS/EINECS</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>25.00% - 25.00%</td>
<td>Xn</td>
<td>R10, R20/21, R38</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>10.00% - 25.00%</td>
<td>F, Xn</td>
<td>R11, R20</td>
</tr>
<tr>
<td>Butan-1-ol</td>
<td>71-36-3</td>
<td>2.50% - 10.00%</td>
<td>Xn</td>
<td>R10, R22, R37/38, R41, R67</td>
</tr>
<tr>
<td>N-(3-(Trimethoxysilyl)propyl) ethylenediamine</td>
<td>1760-24-3</td>
<td>1.00% - 2.50%</td>
<td>Xi</td>
<td>R41, R43</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

**Main Hazards**  
Flammable.  
Irritating to skin.  
Harmful by inhalation and in contact with skin.  
May cause sensitization by skin contact.  
Risk of serious damage to eyes.

4. FIRST AID MEASURES

**Eye Contact**  
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.  
Obtain medical attention urgently.

**Skin Contact**  
Wash skin thoroughly with soap and water.  
Solvents should not be used to clean skin because they may increase the penetration of the material.  
Contaminated clothing should be washed or dry-cleaned before re-use.  
Obtain medical attention if blistering occurs or redness persists.

**Ingestion**  
Do not induce vomiting.  
Obtain medical attention.

**Inhalation**  
Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

**Extinguishing Media**  
Use foam, dry chemical or carbon dioxide.

**Extinguishing Media - Not suitable**  
Dry sand may be used on small fires.  
Do not use water jet.

**Special Hazards of Product**  
Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.

**Protective Equipment for Fire-Fighting**  
Wear full protective clothing and self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Wear appropriate protective clothing. Eliminate all sources of ignition.

**Environmental Precautions and Clean-up Methods**
Try to prevent the material from entering drains or water courses.

**Spillages**
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

**Handling**
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
Use in well ventilated area. Avoid inhaling vapour.
Avoid contact with eyes, skin and clothing.

**Storage**
Storage area should be: cool, dry, well ventilated. out of direct sunlight.
Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits - GB**
- **Xylene**: UK EH40: WEL 50ppm (220mg/m³) 8h TWA.
- **Ethyl benzene**: UK EH40: WEL 100ppm (441mg/m³) 8h TWA.
- **Butan-1-ol**: UK EH40: WEL 125ppm (552mg/m³) 15min STEL

**Engineering Control Measures**
Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**
Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.
Respiratory protection if there is a risk of exposure to high vapour concentrations.

**Hand Protection**
Wear suitable impervious gloves. (butyl / nitrile type)

**Eye Protection**
Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State**
Liquid.

**Color**
Amber.

**Odor**
Amine like.

**Flash Point °C**
23

**Solubility - Water**
Emulsifies.

**Density (kg/m³)**
Approx. 900 at 20 °C.

**Viscosity (at 20°C)**
Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

**Stability**
Stable under normal conditions.

**Conditions to avoid**
Contains volatile solvent.
Sources of ignition.
Extremes of temperature.

**Hazardous Decomposition Products**
Combustion will generate: oxides of carbon. oxides of nitrogen. acid smoke and irritating fumes.
SAFETY DATA SHEET
Sikafloor 2420 Part B

Date of issue - 23/09/2005.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Low order of acute toxicity.

Eye irritation
Excessive exposure may produce anaesthetic or narcotic effects.

Skin irritation
Liquid and vapour can cause irritation on contact and at high concentrations.

Frequent skin contact may cause irritation and defatting due to the solvent content.
May cause allergic reactions to certain individuals.

12. ECOLOGICAL INFORMATION

Mobility
A major part of the product will dissolve slowly in water.

Persistence/degradability
The product is expected to be not readily biodegradable.

Ecotoxicity
The product may be harmful to aquatic organisms.

13. DISPOSAL

Product Disposal
Hazardous waste.

Arrange for disposal via a licensed waste contractor.

Container Disposal
Dispose of containers with care.

Empty containers may contain hazardous residues.

Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

UN : UN number 1263
UN : Proper shipping name Paint
UN : Class 3.3
UN : Packing Group 3
ADR/RID : Proper shipping name Paints - flash point between 21°C and 55°C.
ADR/RID : Class 3
ADR/RID : Item Number Class F1 Special provision 640E
IMDG : Proper shipping name Paint
IMDG : Packing Group 3
IMDG : Class 3.3
IMDG : Ems Number F-E, S-E
IATA : Proper shipping name Paint
IATA : Packing Group 3
IATA : Class 3

15. REGULATORY INFORMATION

Label Requirements
Harmful

Risk Phrases
Flammable.
Harmful by inhalation and in contact with skin.
Irritating to skin.
May cause sensitization by skin contact.
Risk of serious damage to eyes.
SAFETY DATA SHEET
Sikafloor 2420 Part B

Safety Phrases
Avoid contact with skin.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear eye/face protection.
Wear suitable protective clothing and gloves.
Use only in well-ventilated areas.

Contains
xylene
N-(3-(trimethoxysilyl)propyl)ethylenediamine

16. OTHER INFORMATION

First Issue Date
10.11.1997

Revisions Highlighted
Hazards Identification
Exposure controls/personal protection
Regulatory Information

Uses and Restrictions
Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer’s responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

UK Legislation
Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.
SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations
SI 2002/2677: The Control of Substances Hazardous to Health Regulations
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI 2002/2776: Dangerous Substances and Explosive Atmospheres Regulations
SI 2005/ 894 Hazardous waste regulations 2005

UK Guidance Publications
General Approved Code of Practice to COSHH Regulations, HSE.
EH40, Occupational Exposure Limits, HSE. Revised Annually.

Footnote
The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.
PRODUCT AND COMPANY IDENTIFICATION

Product Code  IC623A
Product Name  Icosit 6230 Part A
Product Description  2-component solvated, translucent, polyurethane based, top coating for Icosit Antigraffiti System.
Manufacturer/Supplier  Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire. AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS

Preparation - Hazardous ingredients (Europe)

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Xylene</td>
<td>1330-20-7</td>
<td>10.00% - 30.00%</td>
<td>Xn</td>
</tr>
<tr>
<td>2) 2-Methoxy-1-methylethyl acetate</td>
<td>108-65-6</td>
<td>10.00% - 30.00%</td>
<td>Xi</td>
</tr>
<tr>
<td>3) Solvent Naptha (Petroleum), Light Aromatic.</td>
<td>64742-95-6</td>
<td>10.00% - 30.00%</td>
<td>Xn, N</td>
</tr>
<tr>
<td>4) Trimethylbenzenes, all isomers</td>
<td>95-63-6</td>
<td>5.00%-10.00%</td>
<td>Xn, N</td>
</tr>
</tbody>
</table>

HAZARD IDENTIFICATION

Main Hazards
Flammable.
Irritating to eyes, respiratory system and skin.
Harmful by inhalation and in contact with skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

FIRST AID MEASURES

Eye Contact
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Skin Contact
Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion
Do not induce vomiting. Obtain medical attention.
Inhalation
Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention. Obtain medical attention.

FIRE FIGHTING MEASURES

Extinguishing Media
Use foam, dry chemical or carbon dioxide.
Extinguishing Media - Not suitable
Dry sand may be used on small fires.
Special Hazards of Product
Combustion will produce smoke, carbon dioxide and carbon monoxide.
Protective Equipment for Fire-Fighting
Wear full protective clothing and self-contained breathing apparatus.
SAFETY DATA SHEET
Icosit 6230 Part A

Date of issue - 15/04/2002.

ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear appropriate protective clothing. Eliminate all sources of ignition. Ventilate area to dispel any residual vapours.

Environmental Precautions and Clean-up Methods
Try to prevent the material from entering drains or water courses.

Spillages
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

HANDLING AND STORAGE

Handling
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Use in well ventilated area. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing.

Storage
Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB
1) Xylene
   UK EH40: OES 50ppm (220mg/m³) 8h TWA
   UK EH40: OES 100ppm (441mg/m³) 15min STEL
2) 2-Methoxy-1-methylethyl acetate
   UK EH40: OES 50ppm (274mg/m³) 8 hr.TWA
   UK EH40: OES 100ppm (548mg/m³) 15 min STEL
3) Trimethylbenzenes, all isomers
   UK EH40: OES 25ppm (125mg/m³) 8h TWA

Engineering Control Measures
Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection
Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits. Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection
Wear suitable impervious gloves.

Eye Protection
Chemical goggles.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State
Liquid.

Color
Straw - Clear.

Odor
Hydrocarbon.

pH
Not applicable.

Flash Point °C
Approx. 30

Solubility - Water
Immiscible.

Density (kg/m³)
Approx. 995 at 20 °C.

Viscosity ( at 20°C )
Mobile liquid at ambient temperatures.

STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to avoid
Contains volatile solvent. High temperatures.

Materials to avoid

Hazardous Decomposition Products
Combustion will generate: oxides of carbon, acrid smoke and irritating fumes.
TOXICOLOGICAL INFORMATION

**Acute toxicity**
Low order of acute toxicity.
Excessive exposure may produce anaesthetic or narcotic effects.

**Eye irritation**
Liquid and vapour can cause irritation on contact and at high concentrations.

**Skin irritation**
Frequent skin contact may cause irritation and defatting due to the solvent content.

ECOLOGICAL INFORMATION

**Mobility**
The product is insoluble in water.

**Persistence/degradability**
The product is expected to be not readily biodegradable.

**Ecotoxicity**
The product may be harmful to aquatic organisms.

DISPOSAL

**Product Disposal**
Dispose of as Special Waste.
Arrange for disposal via a licensed waste contractor.

**Container Disposal**
Dispose of containers with care.
Empty containers may contain hazardous residues.
Empty packaging should be removed by a licensed waste contractor.

TRANSPORT INFORMATION

**UN :** UN number
1263

**UN :** Proper shipping name
Paint

**UN :** Class
3.3

**UN :** Packing Group
3

**ADR/RID Substance Identification Number**
1263

**ADR/RID Class**
3

**ADR/RID Item Number**
31c

**ADR/RID Hazard Identification Number**
30

**IMDG :** Proper shipping name
Paint.

**IMDG :** Packing Group
3

**IMDG :** Class
3.3

**IMDG :** Ems Number
3-05

**IMDG :** MFAG Number
310 313

**IATA :** Proper shipping name
Paint.

**IATA :** Packing Group
3

**IATA :** Class
3

REGULATORY INFORMATION

**Label Requirements**
Harmful, Dangerous for the environment
**Risk Phrases**
Flammable.
Harmful by inhalation and in contact with skin.
Irritating to eyes, respiratory system and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases**
Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing and gloves.
Use only in well ventilated areas.
This material and its container must be disposed of as hazardous waste.
Avoid release to the environment. Refer to special instructions/Safety data sheets.

### OTHER INFORMATION

**First Issue Date**
13.02.1996

**Revisions Highlighted**
Exposure controls/personal protection

**Uses and Restrictions**
Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer’s responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**
Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.
SI No. 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI 1999/437: The Control of Substances Hazardous to Health Regulations

**UK Guidance Publications**
EH40, Occupational Exposure Limits, HSE. Revised Annually.
General Approved Code of Practice to COSHH Regulations, HSE.
HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.
Guide to Highly Flammable Liquids & LPG Regulations - H&SE.

**Footnote**
The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.
SAFETY DATA SHEET
Icosit 6230 Part B
Date of issue - 15/04/2002.
IC623B

PRODUCT AND COMPANY IDENTIFICATION

Product Code: IC623B
Product Name: Icosit 6230 Part B
Product Description: 2-component solvented, translucent, polyurethane based, top coating for Icosit Antigraffiti System.

Manufacturer/Supplier: Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS

Preparation - Hazardous ingredients (Europe)

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Aliphatic Polyisocyanate 4035-89-6</td>
<td>60.00%-100.00%</td>
<td>Xi</td>
<td>R43</td>
</tr>
<tr>
<td>2) 1 methoxy-2 propyl acetate 108-65-6</td>
<td>10.00% - 30.00%</td>
<td>Xi</td>
<td>R10, R36</td>
</tr>
<tr>
<td>3) Xylene 1330-20-7</td>
<td>10.00% - 30.00%</td>
<td>Xn</td>
<td>R10, R20/21, R38</td>
</tr>
<tr>
<td>4) Hexamethylen-1,6-diisocyanate 822-06-0</td>
<td>0.10% - 1.00%</td>
<td>T</td>
<td>R23, R36/37/38, R42/43</td>
</tr>
</tbody>
</table>

HAZARD IDENTIFICATION

Main Hazards: Flammable
May cause sensitisation by skin contact.
Harmful by inhalation and in contact with skin.

FIRST AID MEASURES

Eye Contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
Obtain medical attention urgently.

Skin Contact: Immediately wash skin thoroughly with soap and water.
Contaminated clothing should be washed or dry-cleaned before re-use.
Obtain medical attention if blistering occurs or redness persists.

Ingestion: Do not induce vomiting.
Wash out mouth with water.
Obtain medical attention urgently.

Inhalation: Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

FIRE FIGHTING MEASURES

Extinguishing Media: Use foam, dry chemical or carbon dioxide.

Special Hazards of Product: Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.

Protective Equipment for Fire-Fighting: Wear self contained breathing apparatus.
Icosit 6230 Part B

SAFETY DATA SHEET

IC623B

Date of issue - 15/04/2002.

Personal Precautions
Wear appropriate protective clothing. Eliminate all sources of ignition. Ventilate area to dispel any residual vapours.

Environmental Precautions and Clean-up Methods
Try to prevent the material from entering drains or water courses.

Spillages
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

HANDLING AND STORAGE

Handling
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Keep container tightly closed when not in use.

Storage
Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition. Keep away from foodstuffs. Storage temperature should be controlled to between 5 and 25 °C.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB
1) Xylene
   UK EH40: OES 50 ppm (220mg/M3) 8 hr. TWA
   UK EH40: OES 100ppm (441mg/M3) 15 Min STEL
2) 1 methoxy-2 propyl acetate
   UK EH 40: OES 50 ppm (274 mg/M3) 8 hr. TWA
   UK EH 40: OES 100 ppm (548 mg/M3) 15 min STEL
3) Hexamethylen-1,6-diisocyanate
   UK EH40: MEL 0.02mg/m3 8h TWA.
   UK EH40: MEL 0.07mg/m3 15min STEL.

Engineering Control Measures
Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits. Respiratory protection if there is a risk of exposure to high vapour concentrations.

Respiratory Protection
Chemical goggles if there is a risk of splashing.

Hand Protection
Wear suitable impervious gloves.

Eye Protection
Chemical goggles if there is a risk of splashing.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State
Liquid.

Color
Light Yellow.

Odor
Characteristic.

pH
Not applicable.

Flash Point °C
Approx. 38

Solubility - Water
Insoluble.

Density (kg/m3)
Approx. 1070 at 20 °C.

Autoignition Temperature °C
Above 425.

Viscosity (at 20°C)
Mobile liquid at ambient temperatures.
**STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stability</strong></td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td><strong>Conditions to avoid</strong></td>
<td>Sources of ignition.</td>
</tr>
<tr>
<td><strong>Hazardous Decomposition Products</strong></td>
<td>Combustion will generate: oxides of carbon. oxides of nitrogen. toxic nitrogen compounds.</td>
</tr>
</tbody>
</table>

**STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity</strong></td>
<td>Low order of acute toxicity.</td>
</tr>
<tr>
<td><strong>Eye irritation</strong></td>
<td>Excessive exposure may produce anaesthetic or narcotic effects.</td>
</tr>
<tr>
<td><strong>Skin irritation</strong></td>
<td>Liquid and vapour can cause irritation on contact and at high concentrations.</td>
</tr>
<tr>
<td><strong>Sensitization - Skin</strong></td>
<td>Frequent skin contact may cause irritation and defatting due to the solvent content.</td>
</tr>
<tr>
<td><strong>Human Data</strong></td>
<td>The possibility of allergic sensitisation should be considered.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Inhalation may cause respiratory sensitisation.</td>
</tr>
<tr>
<td><strong>Hypersensitive persons</strong></td>
<td>Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.</td>
</tr>
</tbody>
</table>

**ECOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mobility</strong></td>
<td>The product is volatile/gaseous and will partition to the air phase.</td>
</tr>
<tr>
<td><strong>Persistence/degradability</strong></td>
<td>The product is partially or slowly biodegradable.</td>
</tr>
<tr>
<td><strong>Ecotoxicity</strong></td>
<td>The product may be harmful to aquatic organisms.</td>
</tr>
</tbody>
</table>

**DISPOSAL**

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Disposal</strong></td>
<td>Dispose of as Special Waste.</td>
</tr>
<tr>
<td><strong>Container Disposal</strong></td>
<td>Arrange for disposal via a licensed waste contractor.</td>
</tr>
<tr>
<td><strong>Dispose of containers</strong></td>
<td>Dispose of containers with care.</td>
</tr>
<tr>
<td><strong>Empty containers</strong></td>
<td>Empty containers may contain hazardous residues.</td>
</tr>
<tr>
<td><strong>Empty packaging</strong></td>
<td>Empty packaging should be removed by a licensed waste contractor.</td>
</tr>
</tbody>
</table>

**TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN : UN number</strong></td>
<td>1263</td>
</tr>
<tr>
<td><strong>UN : Class</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>UN : Packing Group</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>ADR/RID Substance Identification Number</strong></td>
<td>1263</td>
</tr>
<tr>
<td><strong>ADR/RID Proper shipping name</strong></td>
<td>Paint - flash point between 21°C and 55°C.</td>
</tr>
<tr>
<td><strong>ADR/RID Class</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>ADR/RID Item Number</strong></td>
<td>31°C</td>
</tr>
<tr>
<td><strong>ADR/RID Hazard Identification Number</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>IMDG : Proper shipping name</strong></td>
<td>Paint.</td>
</tr>
<tr>
<td><strong>IMDG : Packing Group</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>IMDG : Class</strong></td>
<td>3.3</td>
</tr>
<tr>
<td><strong>IMDG : Ems Number</strong></td>
<td>3-05</td>
</tr>
<tr>
<td><strong>IMDG : MFAG Number</strong></td>
<td>310</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
Icosit 6230 Part B

Date of issue - 15/04/2002.

<table>
<thead>
<tr>
<th>IATA</th>
<th>Proper shipping name</th>
<th>Paint.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IATA</td>
<td>Packing Group</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>Class</td>
<td>3.3</td>
</tr>
</tbody>
</table>

### REGULATORY INFORMATION

| Label Requirements | Harmful |

<table>
<thead>
<tr>
<th>Risk Phrases</th>
<th>Flammable.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Harmful by inhalation and in contact with skin.</td>
</tr>
<tr>
<td></td>
<td>May cause sensitization by skin contact.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Safety Phrases</th>
<th>Avoid contact with skin.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wear suitable gloves.</td>
</tr>
<tr>
<td></td>
<td>Use only in well ventilated areas.</td>
</tr>
<tr>
<td></td>
<td>This material and its container must be disposed of as hazardous waste.</td>
</tr>
<tr>
<td></td>
<td>Contains isocyanates. See information supplied by the manufacturer.</td>
</tr>
</tbody>
</table>

### OTHER INFORMATION

<table>
<thead>
<tr>
<th>First Issue Date</th>
<th>13.02.1996</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revisions Highlighted</td>
<td>Exposure Controls and Personal Protection</td>
</tr>
<tr>
<td>Uses and Restrictions</td>
<td>Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer’s responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.</td>
</tr>
</tbody>
</table>

### UK Legislation

- SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
- SI 1999/437: The Control of Substances Hazardous to Health Regulations

### UK Guidance Publications

- EH40, Occupational Exposure Limits, HSE. Revised Annually.
- General Approved Code of Practice to COSHH Regulations, HSE.
- HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.
- Guide to Highly Flammable Liquids & LPG Regulations - H&SE.

### Footnote

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.
1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code**  
ICEG5A

**Product Name**  
Icosit EG5 Part A

**Product Description**  
2-component decorative and protective polyurethane based topcoat.

**Manufacturer/Supplier**  
Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS/EINECS</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>10.00% - 25.00%</td>
<td>Xn</td>
<td>R10, R20/21, R38</td>
</tr>
<tr>
<td>Solvent Naptha (Petroleum).Light Aromatic.</td>
<td>64742-95-6</td>
<td>2.50% - 10.00%</td>
<td>Xn, N</td>
<td>R10, R37, R51/53, R65, R66, R67</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>2.50% - 10.00%</td>
<td>F, Xn</td>
<td>R11, R20</td>
</tr>
<tr>
<td>2-Methoxy-1-methylethyl acetate</td>
<td>108-65-6</td>
<td>1.00% - 2.50%</td>
<td>Xi</td>
<td>R10, R36</td>
</tr>
<tr>
<td>Naphtha (Petroleum), Hydrotreated Heavy</td>
<td>64742-48-9</td>
<td>1.00% - 2.50%</td>
<td>Xn</td>
<td>R65, R66</td>
</tr>
<tr>
<td>Pentamethyl piperidylebazate</td>
<td>41556-26-7</td>
<td>0.10% - 1.00%</td>
<td>Xi, N</td>
<td>R43, R50/53</td>
</tr>
<tr>
<td>Naphtha (Petroleum)Hydrosulphurised Heavy</td>
<td>64742-82-1</td>
<td>0.10% - 1.00%</td>
<td>Xn, N</td>
<td>R10, R51/53, R65, R66, R67</td>
</tr>
<tr>
<td>Methyl 1,2,2,6,6-pentamethyl-4-piperdyl sebacate</td>
<td>82919-37-7</td>
<td>0.10% - 1.00%</td>
<td>Xi, N</td>
<td>R43, R50/53</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

**Main Hazards**  
Flammable.  
Harmful by inhalation.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

**Eye Contact**  
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.  
Obtain medical attention urgently.

**Skin Contact**  
Wipe off as much as possible with a clean dry cloth. Wash skin thoroughly with soap and water.  
Solvents should not be used to clean skin because they may increase the penetration of the material.

**Ingestion**  
Do not induce vomiting. Wash out mouth with water.  
Obtain medical attention.

**Inhalation**  
Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.
5. FIRE FIGHTING MEASURES

**Extinguishing Media**
Use foam, dry chemical or carbon dioxide.

**Extinguishing Media - Not suitable**
Do not use water jet.

**Special Hazards of Product**
Combustion will produce smoke, carbon dioxide and carbon monoxide.

**Protective Equipment for Fire-Fighting**
Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Wear appropriate protective clothing.
Eliminate all sources of ignition. Ventilate area to displace any residual vapours.

**Environmental Precautions and Clean-up Methods**
Try to prevent the material from entering drains or water courses.

**Spillages**
Contain and absorb using earth, sand or other inert material.
Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

**Handling**
Exposure by inhalation or skin contact should be minimised by good industrial hygiene practices.
Avoid contact with eyes, skin and clothing.

**Storage**
Storage area should be: cool. dry.
Storage temperature should be controlled to between 5 and 25 °C.
Store in the original container securely closed. Keep away from foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits - GB**

<table>
<thead>
<tr>
<th>Substance</th>
<th>UK EH40: WEL 100ppm (441mg/m³) 8h TWA.</th>
<th>UK EH40: WEL 150ppm (662mg/m³) 15min STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Methoxy-1-methylethyl acetate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Engineering Control Measures**
Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of industrial hygiene will enable this material to be used safely.

**Respiratory Protection**
Respiratory protection if there is a risk of exposure to high vapour concentrations.
If limits are exceeded use an approved respirator suitable for the purpose.

**Hand Protection**
Wear suitable impervious gloves.
The insides of gloves must be kept scrupulously clean.

**Eye Protection**
Chemical goggles.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent</td>
</tr>
<tr>
<td>Flash Point °C</td>
<td>23</td>
</tr>
<tr>
<td>Solubility - Water</td>
<td>Immiscible.</td>
</tr>
<tr>
<td>Density (kg/m³)</td>
<td>1360 at 20 °C.</td>
</tr>
<tr>
<td>Viscosity (at 20°C)</td>
<td>Mobile liquid at ambient temperatures.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability</th>
<th>Stable under normal conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to avoid</td>
<td>Contains volatile solvent.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Heating may produce: oxides of carbon, acrid smoke and irritating fumes.</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Low order of acute toxicity.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye irritation</td>
<td>Liquid and vapour can cause irritation on contact and at high concentrations.</td>
</tr>
<tr>
<td>Skin irritation</td>
<td>Frequent or prolonged skin contact may cause some local short term skin irritation.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Mobility</th>
<th>The product is insoluble in water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence/degradability</td>
<td>The product is expected to be not readily biodegradable.</td>
</tr>
<tr>
<td>Ecotoxicity</td>
<td>This material is harmful to aquatic organisms.</td>
</tr>
</tbody>
</table>

13. DISPOSAL

<table>
<thead>
<tr>
<th>Product Disposal</th>
<th>Hazardous waste.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container Disposal</td>
<td>Arrange for disposal via a licensed waste contractor.</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN</th>
<th>UN number 1263</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN</td>
<td>Class 3</td>
</tr>
<tr>
<td>UN</td>
<td>Packing Group 3</td>
</tr>
<tr>
<td>ADR/RID : Number</td>
<td>1263</td>
</tr>
<tr>
<td>ADR/RID : Proper shipping name</td>
<td>Paints - flash point between 21°C and 55°C.</td>
</tr>
<tr>
<td>ADR/RID : Class</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID : Item Number</td>
<td>31 (c) -- Class F1 Transport according to chapter 2.2.3.1.5 ADR</td>
</tr>
<tr>
<td>ADR/RID : Hazard Identification Number</td>
<td>30</td>
</tr>
</tbody>
</table>
**SAFETY DATA SHEET**

**Icosit EG5  Part A**

**IMDG : Proper shipping name**
Paint.

**IMDG : Packing Group**
3

**IMDG : Class**
3.3

**IMDG : Ems Number**
F-E, S-E

**IATA : Proper shipping name**
Paint.

**IATA : Packing Group**
3

**IATA : Class**
3

---

**15. REGULATORY INFORMATION**

**Label Requirements**
Harmful

**Risk Phrases**
- Flammable.
- Harmful by inhalation.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases**
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Do not breathe gas/fumes/vapour/spray.
- Use only in well ventilated areas.

**Contains**
- Pentamethyl piperidyl sebaceate
- Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

**May produce an allergic reaction**

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**16. OTHER INFORMATION**

**First Issue Date**
04.10.1995

**Revisions Highlighted**
Composition and Information on Ingredients
Hazards identification
Regulatory Information

**Uses and Restrictions**
Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer’s responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**
- SI 2002/2677: The Control of Substances Hazardous to Health Regulations
- SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
- SI 2005/894 Hazardous waste regulations 2005

**UK Guidance Publications**
- EH40, Occupational Exposure Limits, HSE. Revised Annually.
- General Approved Code of Practice to COSHH Regulations, HSE.
- HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.

**Footnote**
The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.
1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: ICEG5B
Product Name: Icosit EG5 Part B
Product Description: 2-component decorative and protective polyurethane based topcoat.
Manufacturer/Supplier:

Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS/EINECS</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic Polyisocyanate</td>
<td>28182-81-2</td>
<td>50.00% - 10.00%</td>
<td>Xi</td>
<td>R43</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>10.00% - 25.00%</td>
<td>Xn</td>
<td>R10, R20/21, R38</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>2.50% - 10.00%</td>
<td>F, Xn</td>
<td>R11, R20</td>
</tr>
<tr>
<td>2-Methoxy-1-methylethyl acetate</td>
<td>108-65-6</td>
<td>10.00% - 25.00%</td>
<td>Xi</td>
<td>R10, R36</td>
</tr>
<tr>
<td>Hexamethylen-1,6-diisocyanate</td>
<td>822-06-0</td>
<td>0.10% - 1.00%</td>
<td>T</td>
<td>R23, R36/37/38, R42/43</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

Main Hazards:
Flammable.
Harmful by inhalation and in contact with skin.
May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Eye Contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.

Skin Contact: Wipe off as much as possible with a clean dry cloth. Wash skin thoroughly with soap and water. Solvents should not be used to clean skin because they may increase the penetration of the material.

Ingestion: Do not induce vomiting. Obtain medical attention.

Inhalation: Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use foam, dry chemical or carbon dioxide.

Special Hazards of Product: Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.

Protective Equipment for Fire-Fighting: Wear self contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Wear appropriate protective clothing. Eliminate all sources of ignition. Ventilate area to dispel any residual vapours.

**Environmental Precautions and Clean-up Methods**
Try to prevent the material from entering drains or water courses.

**Spillages**
Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

**Handling**
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Keep container tightly closed when not in use.

**Storage**
Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition. Keep away from foodstuffs. Storage temperature should be controlled to between 5 and 25 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits - GB**

<table>
<thead>
<tr>
<th>Substance</th>
<th>UK EH40: OES</th>
<th>GB EH40: STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>50ppm (220mg/m³)</td>
<td>100ppm (441mg/m³)</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100ppm (441mg/m³)</td>
<td>150ppm (662mg/m³)</td>
</tr>
<tr>
<td>2-Methoxy-1-methylethyl acetate</td>
<td>50ppm (220mg/m³)</td>
<td>150ppm (662mg/m³)</td>
</tr>
<tr>
<td>Hexamethylen-1,6-diisocyanate</td>
<td>0.02mg/m³</td>
<td>0.07mg/m³</td>
</tr>
</tbody>
</table>

**Engineering Control Measures**
Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.
Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**
Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits. Respiratory protection if there is a risk of exposure to high vapour concentrations. If limits are exceeded use an approved respirator suitable for the purpose.

**Hand Protection**
Wear suitable impervious gloves.

**Eye Protection**
Chemical goggles if there is a risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State**
Liquid.

**Color**
Light Yellow.

**Odor**
Characteristic.

**Flash Point °C**
38

**Solubility - Water**
Insoluble.

**Density (kg/m³)**
Approx. 1070 at 20 °C.
10. STABILITY AND REACTIVITY

**Stability**

Stable under normal conditions.

**Conditions to avoid**

Contains volatile solvent.
Sources of ignition.
Exposure to direct sunlight. High temperatures.

**Hazardous Decomposition Products**

Combustion will generate: oxides of carbon. oxides of nitrogen. toxic nitrogen compounds.

11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Low order of acute toxicity.
Excessive exposure may produce anaesthetic or narcotic effects.

**Eye irritation**

Liquid and vapour can cause irritation on contact and at high concentrations.

**Skin irritation**

Frequent skin contact may cause irritation and defatting due to the solvent content.

**Sensitisation - Skin**

The possibility of allergic sensitisation should be considered.

**Additional information**

May cause sensitisation by inhalation. Persons known to be hypersensitive (asthma, chronic bronchitis, etc.) should refrain from handling the product.

12. ECOLOGICAL INFORMATION

**Mobility**

The product is volatile/gaseous and will partition to the air phase.

**Persistence/degradability**

The product is partially or slowly biodegradable.

**Ecotoxicity**

The product may be harmful to aquatic organisms.

13. DISPOSAL

**Product Disposal**

Dispose of as Special Waste.
Arrange for disposal via a licensed waste contractor.

**Container Disposal**

Dispose of containers with care.
Empty containers may contain hazardous residues.
Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

**UN**

**UN number**

1263

**UN**

**Class**

3

**UN**

**Packing Group**

3

**ADR/RID : Number**

1263

**ADR/RID : Proper shipping name**

Paints - flash point between 21°C and 55°C.

**ADR/RID : Class**

3

**ADR/RID : Item Number**

31°C Class F1

**ADR/RID : Hazard Identification Number**

30

**IMDG**

**Proper shipping name**

Paint.

**IMDG**

**Packing Group**

3

**IMDG**

**Class**

3.3

**IMDG**

**Ems Number**

F-E, S-E
SAFETY DATA SHEET
Icosit EG5  Part B

Date of issue - 03/06/2004.  ICEG5B

<table>
<thead>
<tr>
<th>IATA</th>
<th>Proper shipping name</th>
<th>Paint.</th>
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</thead>
<tbody>
<tr>
<td>IATA</td>
<td>Packing Group</td>
<td>3</td>
</tr>
<tr>
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<td>Class</td>
<td>3.3</td>
</tr>
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15. REGULATORY INFORMATION

<table>
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<tr>
<th>Label Requirements</th>
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**Risk Phrases**
Flammable.
Harmful by inhalation and in contact with skin.
May cause sensitisation by skin contact.

**Safety Phrases**
Keep locked up and out of reach of children.
Do not breathe gas/fumes/vapour/spray.
Avoid contact with skin.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use only in well ventilated areas.
If swallowed seek medical advice immediately and show this container or label.

Contains isocyanates. See information supplied by the manufacturer.

Contains Aliphatic polyisocyanate

16. OTHER INFORMATION

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