

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	SIKBDT2
<b>Product Name</b>	Sikabond T2
<b>Product Description</b>	One component moisture curing polyurethane based adhesive/sealant.
<b>Manufacturer/Supplier</b>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

**COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients ( Europe )

Component		Concentration	Classification	Risk Phrases
1) Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	1.00% - 2.50%	Xn, N	R10, R51/53, R65, R66, R67
2) Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38
3) Isophorondiisocyanate	4098-71-9	0.10% - 1.00%	T, N	R23, R36/37/38, R42/43, R51/53
4) 4, 4- methylenediphenyl diisocyanate	101-68-8	0.10% - 1.00%	Xn	R20, R36/37/38, R42/43
5) 1,2-Benzenedicarboxylic acid, diisodecyl ester	68515-49-1	10.00% - 25.00%	-	-

**HAZARD IDENTIFICATION**

<b>Main Hazards</b>	May cause sensitisation by inhalation.
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**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	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. Contaminated clothing should be washed or dry-cleaned before re-use.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth with water. Obtain medical attention.
<b>Inhalation</b>	Unlikely to occur.However provide symptomatic medical treatment if required.

**FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use water spray, foam, dry chemical or carbon dioxide.
<b>Special Hazards of Product</b>	Combustion will generate oxides of carbon and nitrogen
<b>Protective Equipment for Fire-Fighting</b>	Wear full protective clothing and self-contained breathing apparatus.

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing.

**Environmental Precautions and  
Clean-up Methods  
Spillages**

Try to prevent the material from entering drains or water courses.

Remove spilled/leaked product by scraping from surfaces. Allow to solidify normally. Clean surfaces with a suitable solvent.

**HANDLING AND STORAGE****Handling**

Avoid contact with eyes, skin and clothing.

Use in well ventilated area.

**Storage**

Storage area should be: cool. dry.

Storage temperature should be controlled to between 5 and 25 °C.

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

1) Xylene	UK EH40: OES 50ppm (220mg/m <sup>3</sup> ) 8h TWA.
	UK EH40: OES 100ppm (441mg/m <sup>3</sup> ) 15min STEL
2) Isophorondiisocyanate	UK EH40: MEL 0.02mg/m <sup>3</sup> 8h TWA.
	UK EH40: MEL 0.07mg/m <sup>3</sup> 15min STEL.
3) 4, 4- methylenediphenyl diisocyanate	UK EH40: MEL 0.02mg/m <sup>3</sup> 8h TWA.
	UK EH40: MEL 0.07mg/m <sup>3</sup> 15min STEL.
4) 1,2-Benzenedicarboxylic acid, diisodecyl ester	UK EH40: OES 5mg/m <sup>3</sup> 8h TWA.

**Engineering Control Measures**

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

**Respiratory Protection**

Respiratory protection not normally required.

If limits are exceeded use an approved respirator suitable for the purpose.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Wear safety glasses if risks of accidental contamination are possible during application.

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Paste.

**Color**

Various

**Odor**

Characteristic.

**pH**

Not applicable.

**Flash Point °C**

80

**Solubility - Water**

Insoluble.

**Vapor Pressure ( kPa )**

Negligible vapour pressure at ambient conditions.

**Density (kg/m<sup>3</sup>)**

1200 at 23 °C.

**Autoignition Temperature °C**

Above 200.

**Viscosity ( at 20°C )**

Thixotropic paste

**STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Exposure to water or moisture.

**Hazardous Decomposition Products**

Reaction with water or moist air may produce: carbon dioxide formation resulting in pressure increase in bulk containers (risk of bursting).

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.
<i>Human Data</i>	Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	Because of its high viscosity, low water solubility and low degree of toxicity, this material should not present any environmental problems.
<i>Ecotoxicity</i>	The product is expected to be non-hazardous to aquatic species.


**DISPOSAL**

<i>Product Disposal</i>	Dispose of as Special Waste. Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.
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**TRANSPORT INFORMATION**

<i>ADR/RID Substance Identification Number</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

**REGULATORY INFORMATION**

<i>Label Requirements</i>	Harmful 
<i>Risk Phrases</i>	May cause sensitisation by inhalation.
<i>Safety Phrases</i>	Do not breathe gas/fumes/vapor/spray In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  Contains isocyanates. See information supplied by the manufacturer.

**OTHER INFORMATION**

<i>First Issue Date</i>	10.11.1997
<i>Revisions Highlighted</i>	Composition / information on ingredients S phrases
<i>Uses and Restrictions</i>	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.



## SAFETY DATA SHEET

### Sikabond T2

Date of issue - 28/06/2002.

SIKBDT2

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#### *UK Legislation*

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. Chemicals (Hazard Information and Packaging) Regulations, 2002  
SI 1999/437: The Control of Substances Hazardous to Health Regulations  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

#### *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.