

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SIKBDT1
Product Name	Sikabond T1
Product Description	One component moisture curing polyurethane based adhesive/sealant.
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)**

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	1.00% - 2.50%	Xn	R10, R20/21, R38
3) 4, 4- methylenediphenyl diisocyanate	101-68-8	0.10% 1.00%	Xn	R20, R36/37/38, R42/43
4) 1,2-Benzenedicarboxylic acid, diisodecyl ester	68515-49-1	10.00% - 25.00%	-	-

HAZARD IDENTIFICATION

Main Hazards	May cause sensitization by inhalation.
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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. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Wash out mouth with water. Obtain medical attention.
Inhalation	Unlikely to occur.However provide symptomatic medical treatment if required.

FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
Special Hazards of Product	Combustion will release oxides of carbon and nitrogen with possible HCl
Protective Equipment for Fire-Fighting	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**

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

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/m³) 8h TWA.UK EH40: OES 100ppm (441mg/m³) 15min STEL

2) 1,2-Benzenedicarboxylic acid, diisodecyl ester

UK EH40: OES 5mg/m³ 8h TWA.

3) 4, 4'-methylenediphenyl diisocyanate

UK EH40: OES MEL 0.02mg/ M3 8hr. TWA

UK EH40: OES MEL 0.07mg/ M3 15 min STEL

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.

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

Odourless.

Flash Point °C

Exceeds 65.

Solubility - Water

Insoluble.

Density (kg/m³)

1240 at 20 °C.

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). Combustion will generate: oxides of carbon. oxides of nitrogen. hydrogen chloride. acid smoke and irritating fumes.

**TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

Skin irritation

Frequent or prolonged skin contact may cause some local short term skin irritation.

Sensitization - Skin

The possibility of allergic sensitisation should be considered.

Human Data

Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

ECOLOGICAL INFORMATION**Mobility**

Because of its high viscosity, low water solubility and low degree of toxicity, this material should not present any environmental problems.

Ecotoxicity

The product is expected to be non-hazardous to aquatic species.

DISPOSAL**Product Disposal**Dispose of as Special Waste.
Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.**TRANSPORT INFORMATION****ADR/RID Substance Identification Number**

Not Regulated under ADR/RID

IMDG : Packing Group

Not Regulated under IMDG

IATA : Proper shipping name

Not Regulated under ICAO

REGULATORY INFORMATION**Label Requirements**

Harmful

**Risk Phrases**

May cause sensitization by inhalation.

Safety PhrasesDo 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**First Issue Date**

10.11.1997

Revisions HighlightedComposition/Information on the Components
Main Hazards
Exposure Controls/Personal Protection
Disposal
Labelling Information



SAFETY DATA SHEET

Sikabond T1

Date of issue - 25/06/2002.

SIKBDT1

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 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.
SI 1999/437: The Control of Substances Hazardous to Health Regulations
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

SI No. 972/1996: The Special Waste Regulations 1996
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.