

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikadur-32 Normal Part B
Product code : 100000007160
Type of product : paste

Recommended use of the chemical and restrictions on use

Product use : Product is not intended for consumer use, Adhesive

Manufacturer or supplier's details

Company : Sika (NZ) Ltd.
85-91 Patiki Road
Avondale
Auckland AKL 1026
Telephone : +64 9 820 2900
Emergency telephone number : 0800 734 607
Telefax : +64 9 828 4091
E-mail address : info@nz.sika.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

6.1 Acute toxicity (Oral) : Category E
8.2 Skin corrosion : Category B
8.3 Serious eye damage : Category A
6.5 Skin sensitisation : Category B
9.1 Aquatic toxicity (Acute or Chronic) : Category B
9.3 Ecotoxic to terrestrial vertebrates : Category C

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : H303 May be harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H433 Harmful to terrestrial vertebrates.

Precautionary statements : **Prevention:**

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/ physician.
P321 Specific treatment (see supplemental first aid instructions on this label).
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (%)
benzyl alcohol	100-51-6	>= 10 - < 20
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 2.5 - < 10
(1-methylethyl)-1,1'-biphenyl	25640-78-2	>= 2.5 - < 10
3,6-diazaoctanethylenediamin	112-24-3	>= 2.5 - < 10
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	>= 1 - < 10
2-(2-aminoethylamino)ethanol	111-41-1	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
In case of eye contact	: Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	: Health injuries may be delayed. corrosive effects sensitising effects Allergic reactions Dermatitis See Section 11 for more detailed information on health effects and symptoms. May be harmful if swallowed or in contact with skin. May cause an allergic skin reaction. Causes serious eye damage. May damage fertility or the unborn child. May cause damage to organs if swallowed. May cause damage to organs in contact with skin. Causes severe burns.
Notes to physician	: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during fire-fighting	: Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: No hazardous combustion products are known
Specific extinguishing methods	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Deny access to unprotected persons.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapours or spray mist.
Avoid exceeding the given occupational exposure limits (see section 8).
Do not get in eyes, on skin, or on clothing.
For personal protection see section 8.
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Smoking, eating and drinking should be prohibited in the application area.
Follow standard hygiene measures when handling chemical products

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

Conditions for safe storage : Store in original container.
Keep container tightly closed in a dry and well-ventilated place.
Observe label precautions.
Store in accordance with local regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : paste
- Colour : grey
- Odour : amine-like
- Odour Threshold : No data available
- pH : > 11, Concentration: 50 g/l
- Melting point/range / Freezing point : No data available
- Boiling point/boiling range : No data available
- Flash point : > 101 °C (> 214 °F)
Method: closed cup
- Evaporation rate : No data available
- Flammability : No data available
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Vapour pressure : 0.07 hPa (0.05 mmHg)
- Relative vapour density : No data available

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

Density	: ca. 1.4 g/cm ³ (20 °C (68 °F) ())
Solubility(ies) Water solubility	: insoluble
Partition coefficient: n- octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity Viscosity, dynamic	: No data available
Viscosity, kinematic	: > 20.5 mm ² /s (40 °C)
Explosive properties	: No data available
Molecular weight	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reac- tions	: Stable under recommended storage conditions.
Conditions to avoid	: No data available
Incompatible materials	: No data available
No decomposition if stored and applied as directed.	

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

May be harmful if swallowed or in contact with skin.

Components:

benzyl alcohol:

Acute oral toxicity	: LD50 Oral (Rat): 1,620 mg/kg
Acute inhalation toxicity	: LC50 (Rat): > 4.178 mg/l Exposure time: 4 h Test atmosphere: dust/mist

3-aminomethyl-3,5,5-trimethylcyclohexylamine:

Acute oral toxicity	: LD50 Oral (Rat): 1,030 mg/kg
Acute inhalation toxicity	: LC50 (Rat): > 5.01 mg/l Exposure time: 4 h

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg

3,6-diazaoctanethylenediamin:

Acute oral toxicity : LD50 Oral (Rat): 1,716 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 1,465 mg/kg

2,4,6-tris(dimethylaminomethyl)phenol:

Acute oral toxicity : LD50 Oral (Rat): 2,169 mg/kg

Skin corrosion/irritation

Causes severe burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

May damage fertility or the unborn child.

Product:

Reproductive toxicity - Assessment : No toxicity to reproduction, No effects on or via lactation

STOT - single exposure

May cause damage to organs if swallowed.

May cause damage to organs in contact with skin.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

benzyl alcohol:

Toxicity to fish : LC50 (Fish): > 100 mg/l
Exposure time: 96 h

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

3-aminomethyl-3,5,5-trimethylcyclohexylamine:

Toxicity to algae : ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l
Exposure time: 72 h

(1-methylethyl)-1,1'-biphenyl:

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 0.167 mg/l
Exposure time: 48 h

3,6-diazaoctanethylenediamin:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 10 - 100 mg/l
Exposure time: 48 h

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 10 - 100 mg/l
Exposure time: 72 h

2,4,6-tris(dimethylaminomethyl)phenol:

Toxicity to algae : EC50 (Scenedesmus capricornutum (fresh water algae)): > 10 - 100 mg/l
Exposure time: 72 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

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SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 1759
Proper shipping name : Corrosive solid, n.o.s.
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, (1-methylethyl)-1,1'-biphenyl)
Class : 8
Packing group : III
Labels : 8
Packing instruction (cargo aircraft) : 864
Packing instruction (passenger aircraft) : 860

IMDG-Code

UN number : UN 1759
Proper shipping name : CORROSIVE SOLID, N.O.S.
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, (1-methylethyl)-1,1'-biphenyl)
Class : 8
Packing group : III
Labels : 8
EmS Code : F-A, S-B
Marine pollutant : yes

IMDG-Code

Alkalis

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

NZS 5433

UN number : UN 1759
Proper shipping name : CORROSIVE SOLID, N.O.S.
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, (1-methylethyl)-1,1'-biphenyl)
Class : 8
Packing group : III
Labels : 8

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) : Not applicable
Schedules of Toxic Chemicals and Precursors

HSNO Approval Number

HSR002658

SAFETY DATA SHEET

Sikadur-32 Normal Part B



Version 2.0

SDS Number: 100000007160

Revision Date: 2018/09/26

not allocated

HSNO Controls

Certified handler certificate not required.

HSNO tracking not required.

Refer to EPA user guide to the HSNO control regulations for further information.

The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

The information contained in this Safety Data Sheet 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 product data sheet prior to any use and processing.