

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

### Section 1: Identification

Product name : Sikafloor-161/264N Part B

Product code : 100000001980

#### 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

#### Recommended use of the chemical and restrictions on use

Product use : Epoxy coating, Product is not intended for consumer use

### Section 2: Hazard identification

#### GHS Classification

Flammable Liquids : 3.1D

Acute toxicity (Oral) : 6.1D

Acute toxicity (Inhalation) : 6.1E

Skin corrosion : 8.2B

Serious eye damage : 8.3A

Skin sensitisation : 6.5B

Aquatic toxicity (Acute or Chronic) : 9.1C

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H227 Combustible liquid.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

H317 May cause an allergic skin reaction.  
H333 May be harmful if inhaled.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

:

### Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces.  
No smoking.  
P261 Avoid breathing mist or vapours.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
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 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
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.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.  
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

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
benzyl alcohol	100-51-6	>= 30 -< 50
Adduct IXA-P (epoxy amine adduct, polymer)	212580-83-1	>= 20 -< 25
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 10 -< 20
m-phenylenebis(methylamine)	1477-55-0	>= 10 -< 20
Hydrocarbons, C9, aromatics	64742-95-6	>= 2.5 -< 10
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	>= 1 -< 10

### 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.
- 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  
Gastrointestinal discomfort  
Allergic reactions  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.  
Harmful if swallowed.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May be harmful if inhaled.

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

Causes severe burns.

Notes to physician : Treat symptomatically.

---

### Section 5: Fire-fighting measures

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : Water

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Standard procedure for chemical fires.

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

Hazchem Code : 2X

---

### 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 : 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 ap-

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

- plication 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 in a well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Store in accordance with local regulations.

### Section 8: Exposure controls/personal protection

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
m-phenylenebis(methylamine)	1477-55-0	WES-Ceiling	0.1 mg/m <sup>3</sup>	NZ OEL
Further information: Skin absorption				
Hydrocarbons, C9, aromatics	64742-95-6	WES-TWA	300 ppm 890 mg/m <sup>3</sup>	NZ OEL
		WES-STEL	500 ppm 1,480 mg/m <sup>3</sup>	NZ OEL

#### 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.

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

---

### Section 9: Physical and chemical properties

Appearance	:	liquid
Colour	:	light yellow
Odour	:	amine-like
Odour Threshold	:	No data available
pH	:	ca. 11 (20 °C (68 °F))
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	ca. 68 °C (154 °F) (Method: closed cup)
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	4.9996 hPa
Relative vapour density	:	No data available
Density	:	ca. 1.03 g/cm <sup>3</sup> (20 °C (68 °F))
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	ca. 100 mPa.s (20 °C (68 °F))
Viscosity, kinematic	:	> 20.5 mm <sup>2</sup> /s ( 40 °C (104 °F))

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version 3.0      Revision Date: 2021/10/25      SDS Number: 100000001980      Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

---

Explosive properties : No data available  
Oxidizing properties : No data available  
Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 50.65% w/w

---

### 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 reactions : Stable under recommended storage conditions.  
Conditions to avoid : No data available  
Incompatible materials : No data available

---

### Section 11: Toxicological information

#### Acute toxicity

Harmful if swallowed.  
May be harmful if inhaled.

#### 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

##### **Adduct IXA-P (epoxy amine adduct, polymer):**

Acute oral toxicity : LD50 Oral (Rat): 500 mg/kg

##### **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  
Test atmosphere: dust/mist

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

##### **m-phenylenebis(methylamine):**

Acute oral toxicity : LD50 Oral (Rat): 930 mg/kg  
Acute inhalation toxicity : LC50 (Rat): 1.34 mg/l

---

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

---

Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: Corrosive to the respiratory tract.

Acute dermal toxicity : LD50 Dermal (Rat): > 3,100 mg/kg

### Hydrocarbons, C9, aromatics:

Acute oral toxicity : LD50 Oral (Rat): > 2,000 mg/kg

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

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

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

### Skin corrosion/irritation

Causes severe burns.

#### Components:

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

Species : Rabbit  
Assessment : Corrosive  
Method : OECD Test Guideline 404

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

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

Species : Rabbit  
Assessment : 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

Not classified based on available information.



# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

### STOT - single exposure

Not classified based on available information.

### 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

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

##### **3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

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

##### **m-phenylenebis(methylamine):**

Toxicity to fish : LC50 (Oryzias latipes (Japanese medaka)): > 10 - 100 mg/l  
Exposure time: 96 h

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

##### **Hydrocarbons, C9, aromatics:**

Toxicity to algae/aquatic : (Pseudokirchneriella subcapitata (green algae)): 2.6 - 2.9  
plants mg/l  
Exposure time: 72 h

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

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

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful 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.  
Do not burn, or use a cutting torch on, the empty drum.

---

### Section 14: Transport information

#### International Regulations

##### **IATA-DGR**

UN/ID No. : UN 1760  
Proper shipping name : Corrosive liquid, n.o.s.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-phenylenebis(methylamine))  
Class : 8  
Packing group : II  
Labels : Corrosive  
Packing instruction (cargo aircraft) : 855  
Packing instruction (passenger aircraft) : 851

##### **IMDG-Code**

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-phenylenebis(methylamine))  
Class : 8  
Packing group : II  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

##### **IMDG-Code**

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

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 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-phenylenebis(methylamine))  
Class : 8  
Packing group : II  
Labels : 8  
Hazchem Code : 2X

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

---

## 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

HSR002659

### HSW Controls

Certified handler certificate not required.  
Tracking hazardous substance not required.  
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, 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

### Full text of other abbreviations

NZ OEL : New Zealand. Workplace Exposure Standards for Atmospheric Contaminants  
NZ OEL / WES-TWA : Workplace Exposure Standard - Time Weighted average  
NZ OEL / WES-STEL : Workplace Exposure Standard - Short-Term Exposure Limit  
NZ OEL / WES-Ceiling : Workplace Exposure Standard - Ceiling  
ADG : Australian Dangerous Goods Code.  
ADR : European Agreement concerning the International Carriage of

# SAFETY DATA SHEET

## Sikafloor-161/264N Part B



Version  
3.0

Revision Date:  
2021/10/25

SDS Number:  
100000001980

Date of last issue: 2020/12/07  
Date of first issue: 2018/12/14

---

	Dangerous Goods by Road
CAS	: Chemical Abstracts Service
DNEL	: Derived no-effect level
EC50	: Half maximal effective concentration
GHS	: Globally Harmonized System
IATA	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	: Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	: Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
PBT	: Persistent, bioaccumulative and toxic
PNEC	: Predicted no effect concentration
REACH	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	: Substances of Very High Concern
vPvB	: Very persistent and very bioaccumulative

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.

|| Changes as compared to previous version !

NZ / EN