

# SAFETY DATA SHEET

## SikaTack-Drive (60min)



Version  
1.1

Revision Date:  
2021/02/02

SDS Number:  
100000018167

Date of last issue: 2019/02/12  
Date of first issue: 2019/02/12

### Section 1: Identification

Product name : SikaTack-Drive (60min)

Product code : 100000018167

#### 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: Hazard identification

#### GHS Classification

Acute toxicity (Inhalation) : 6.1E

Skin irritation : 6.3B


Eye irritation : 6.4A

Respiratory sensitisation : 6.5A

Carcinogenicity : 6.7B

Aquatic toxicity (Acute or Chronic) : 9.1B

#### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.  
H333 May be harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H351 Suspected of causing cancer.  
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

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### Prevention:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P304 + P312 IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P304 + P341 IF INHALED: If breathing is difficult, 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.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
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

### Components

Chemical name	CAS-No.	Concentration (% w/w)
bis(2-ethylhexyl) adipate	103-23-1	>= 10 -< 20
4,4'-methylenediphenyl diisocyanate	101-68-8	>= 0.1 -< 1
Hexamethylene-1,6-diisocyanate homopolymer	28182-81-2	>= 0.1 -< 1

## Section 4: First-aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.

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- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No known significant effects or hazards.  
See Section 11 for more detailed information on health effects and symptoms.  
Causes mild skin irritation.  
Causes serious eye irritation.  
May be harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Suspected of causing cancer.
- Notes to physician : Treat symptomatically.
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### Section 5: Fire-fighting measures

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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.
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### Section 6: Accidental release measures

- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.
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### Section 7: Handling and storage

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
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- Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.

### Section 8: Exposure controls/personal protection

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
4,4'-methylenediphenyl diisocyanate	101-68-8	WES-TWA	0.02 mg/m <sup>3</sup> (NCO)	NZ OEL
	Further information: Skin sensitiser, Respiratory sensitiser			
		WES-STEL	0.07 mg/m <sup>3</sup> (NCO)	NZ OEL
Hexamethylene-1,6-diisocyanate homopolymer	28182-81-2	WES-TWA	0.02 mg/m <sup>3</sup> (NCO)	NZ OEL
	Further information: Skin sensitiser, Respiratory sensitiser			
		WES-STEL	0.07 mg/m <sup>3</sup> (NCO)	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 spe-

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### Section 9: Physical and chemical properties

Appearance	:	paste
Colour	:	black
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	Not applicable
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	ca. 140 °C (284 °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	:	0.01 hPa
Relative vapour density	:	No data available
Density	:	ca. 1.26 g/cm <sup>3</sup> (23 °C (73 °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	:	No data available
Viscosity, kinematic	:	> 20.5 mm <sup>2</sup> /s ( 40 °C (104 °F))

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Explosive properties : No data available  
Oxidizing properties : No data available

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### 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 : No hazards to be specially mentioned.  
Conditions to avoid : No data available  
Incompatible materials : No data available

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### Section 11: Toxicological information

#### Acute toxicity

May be harmful if inhaled.

#### Components:

##### **bis(2-ethylhexyl) adipate:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg  
Acute inhalation toxicity : LC50 (Rat): > 5.7 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

##### **4,4'-methylenediphenyl diisocyanate:**

Acute oral toxicity : LD50 Oral (Rat): > 4,700 mg/kg  
Method: OECD Test Guideline 401  
Acute inhalation toxicity : LC50: 1.5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement

##### **Hexamethylene-1,6-diisocyanate homopolymer:**

Acute oral toxicity : LD50 Oral (Rat): > 2,500 mg/kg  
Acute inhalation toxicity : LC50: 1.5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement  
Acute dermal toxicity : LD50 Dermal (Rat): > 2,000 mg/kg

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### **Skin corrosion/irritation**

Causes mild skin irritation.

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### **Chronic toxicity**

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Suspected of causing cancer.

#### **Reproductive toxicity**

Not classified based on available information.

#### **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.

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## **Section 12: Ecological information**

### **Ecotoxicity**

#### **Components:**

##### **bis(2-ethylhexyl) adipate:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Scenedesmus quadricauda (Green algae)): > 500 mg/l  
Exposure time: 72 h

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

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### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : There is no data available for this product.

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## **Section 13: Disposal considerations**

### **Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## **Section 14: Transport information**

### **International Regulations**

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### **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**

Not regulated as a dangerous good

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## **Section 15: Regulatory information**

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

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

#### **HSNO Approval Number**

HSR002679

#### **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.

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

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

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### 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
ADG	: Australian Dangerous Goods Code.
ADR	: European Agreement concerning the International Carriage of 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 dosis (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