

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

Revision Date: 2015/12/01

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sika Boom®-Cleaner
Product code : 000000048530
Type of product : aerosol

Recommended use of the chemical and restrictions on use

Product use : Post treatment agent

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

Flammable aerosols : Category A
Acute toxicity (Oral) : Category E
Skin irritation : Category B
Eye irritation : Category A

GHS Label element

Hazard pictograms :  

Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.
H303 May be harmful if swallowed.
H316 Causes mild skin irritation.
H319 Causes serious eye irritation.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

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P102 Keep out of reach of children.

P103 Read label before use.

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces.

No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

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 (%)
acetone	67-64-1	>= 30 - < 50
isopropanol	67-63-0	>= 30 - < 50
isobutane	75-28-5	>= 20 - < 30
propane	74-98-6	>= 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.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

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Revision Date: 2015/12/01

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| 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 | : | irritant effects
Excessive lachrymation
Loss of balance
Vertigo
See Section 11 for more detailed information on health effects and symptoms.
May be harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation. |
| 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. |
| Unsuitable extinguishing media | : | Water |
| Hazardous combustion products | : | No hazardous combustion products are known |
| Specific extinguishing methods | : | Use water spray to cool unopened containers. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.
Deny access to unprotected persons. |
| Environmental precautions | : | If the product contaminates rivers and lakes or drains inform respective authorities. |

SECTION 7. HANDLING AND STORAGE

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| Advice on protection against fire and explosion | : | Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on a naked flame or any incandescent material. Take precautionary measures against electrostatic discharges. |
| Advice on safe handling | : | Do not breathe vapours or spray mist.
Avoid exceeding the given occupational exposure limits (see section 8). |

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

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Do not get in eyes, on skin, or on clothing.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharge.
Open drum carefully as content may be under pressure.
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 : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.
Store in original container.
Keep in a well-ventilated place.
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
acetone	67-64-1	WES-TWA	500 ppm 1,185 mg/m3	NZ OEL
	Further information: Exposure can also be estimated by biological monitoring			
		WES-STEL	1,000 ppm 2,375 mg/m3	NZ OEL
	Further information: Exposure can also be estimated by biological monitoring			
		TWA	500 ppm	ACGIH
		STEL	750 ppm	ACGIH
isopropanol	67-63-0	WES-TWA	400 ppm 983 mg/m3	NZ OEL
		WES-STEL	500 ppm 1,230 mg/m3	NZ OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
isobutane	75-28-5	TWA	1,000 ppm	ACGIH
		STEL	1,000 ppm	ACGIH
propane	74-98-6	TWA	1,000 ppm	ACGIH

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 max-

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

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imum 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.

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| 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 | : liquid |
| Colour | : colourless |
| 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 | : Not applicable |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : No data available |
| Upper explosion limit | : Upper flammability limit
ca. 14.3 %(V)
(20 °C (68 °F)) |
| Lower explosion limit | : lower flammability limit
ca. 1.5 %(V)
(20 °C (68 °F)) |
| Vapour pressure | : 2,500 - 2,900 hPa (1,875 - 2,175 mmHg) |
| Relative vapour density | : No data available |
| Density | : ca. 0.75 g/cm ³ (20 °C (68 °F) ()) |
| Solubility(ies)
Water solubility | : insoluble |

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

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Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: 460 °C (860 °F)
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: > 7 mm ² /s (40 °C)
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 reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

May be harmful if swallowed.

Components:

acetone:

Acute oral toxicity	: LD50 Oral (Rat): 5,800 mg/kg
Acute inhalation toxicity	: LC50 (Rat): 76 mg/l Exposure time: 4 h
Acute dermal toxicity	: LD50 Dermal (Rabbit): 20,000 mg/kg

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: Not classified based on available information.

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

Revision Date: 2015/12/01

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.

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:

acetone:

- | | |
|---|--|
| Toxicity to fish | : LC50 (Fish): > 5,000 mg/l
Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia (water flea)): 12.700 mg/l
Exposure time: 48 h |
| Toxicity to algae | : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 530 mg/l
Exposure time: 96 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 | : There is no data available for this product. |
|-----------------------------------|--|

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- | | |
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| Waste from residues | : Do not contaminate ponds, waterways or ditches with chemical or used container. |
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SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

Revision Date: 2015/12/01

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 Regulation

IATA-DGR

UN/ID No. : UN 1950
Proper shipping name : Aerosols, flammable
Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1
Packing instruction (cargo aircraft) : 203
Packing instruction (passenger aircraft) : 203

IMDG-Code

UN number : UN 1950
Proper shipping name : AEROSOLS

Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1
EmS Code : F-D, S-U
Marine pollutant : no

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 1950
Proper shipping name : AEROSOLS
Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1

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

HSR002515

SAFETY DATA SHEET

Sika Boom®-Cleaner



Version 1.0

MSDS Number: 000000048530

Revision Date: 2015/12/01

HSNO Controls

Approved 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

Date format : dd.mm.yyyy

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.