

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

---

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikalastic® CV Spray (A)

#### Manufacturer or supplier's details

Company : **Sika (Singapore) Pte Ltd.**

28 Tuas South Ave 8  
637648 Singapore

Telephone : +65 6861 0632

Emergency telephone number : +65 6861 0632

E-mail address : -

Telefax : +65 6862 3915

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

Product use : Spray application

---

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Inhalation) : Category 4

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2

Respiratory sensitisation : Category 1

Skin sensitisation : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2

#### GHS label elements

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

Hazard pictograms

:



Signal word

:

Danger

Hazard statements

:

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

Precautionary statements

:

### Prevention:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe mist or vapours.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P284 Wear respiratory protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
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.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

### Components

Chemical name	CAS-No.	Concentration (% w/w)
4,4'-methylenediphenyl diisocyanate	101-68-8	>= 30 -< 50

## 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.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- 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.  
Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : irritant effects  
sensitising effects  
Asthmatic appearance  
Cough  
Respiratory disorder  
Allergic reactions  
Headache  
See Section 11 for more detailed information on health effects and symptoms.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

---

Harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
Suspected of causing cancer.  
May cause damage to organs through prolonged or repeated exposure if inhaled.

Notes to physician : Treat symptomatically.

---

### 5. FIREFIGHTING 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.
- 

### 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.
- 

### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Avoid formation of aerosol.  
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
-

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

not be employed in any process in which this mixture is being used.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Follow standard hygiene measures when handling chemical products

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.

### 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	PEL (long term)	0.005 ppm 0.051 mg/m <sup>3</sup>	SG OEL
		TWA	0.005 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 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.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

Wash hands before breaks and at the end of workday.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	light yellow
Odour	:	pungent
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. 203 °C (397 °F) (Method: open 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. 1.0 g/cm <sup>3</sup> (20 °C (68 °F))
Solubility(ies)		
Water solubility	:	No data available
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))

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

Explosive properties : No data available

Oxidizing properties : No data available

---

### 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

---

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Harmful if inhaled.

#### Components:

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

Acute oral toxicity : LD50 Oral (Rat): > 5,000 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

#### **Skin corrosion/irritation**

Causes skin irritation.

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

Causes serious eye irritation.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

May cause an allergic skin reaction.

##### **Respiratory sensitisation**

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

##### **Germ cell mutagenicity**

Not classified based on available information.

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

---

### **Carcinogenicity**

Suspected of causing cancer.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

May cause respiratory irritation.

### **STOT - repeated exposure**

May cause damage to organs through prolonged or repeated exposure if inhaled.

### **Aspiration toxicity**

Not classified based on available information.

---

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

No data available

### **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.

---

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : 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.

---

## 14. TRANSPORT INFORMATION

### **International Regulations**

#### **UNRTDG**

UN number or ID number : UN 2206

---

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version 1.1      Revision Date: 30.10.2022      SDS Number: 100000010859      Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

---

Proper shipping name : ISOCYANATES, TOXIC, N.O.S.  
(4,4'-methylenediphenyl diisocyanate)  
Class : 6.1  
Packing group : III  
Labels : 6.1

### IATA-DGR

UN/ID No. : UN 2206  
Proper shipping name : Isocyanates, toxic, n.o.s.  
(4,4'-methylenediphenyl diisocyanate)  
Class : 6.1  
Packing group : III  
Labels : Toxic  
Packing instruction (cargo aircraft) : 663  
Packing instruction (passenger aircraft) : 655

### IMDG-Code

UN number or ID number : UN 2206  
Proper shipping name : ISOCYANATES, TOXIC, N.O.S.  
(4,4'-methylenediphenyl diisocyanate)  
Class : 6.1  
Packing group : III  
Labels : 6.1  
EmS Code : F-A, S-A  
Marine pollutant : no

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

Not applicable for product as supplied.

### 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.

---

## 15. REGULATORY INFORMATION

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

**Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.**

Environmental Protection and Management Act and : Isocyanates  
Environmental Protection and Management (Hazardous Substances) Regulations

---

## 16. OTHER INFORMATION

Revision Date : 30.10.2022  
Date format : dd.mm.yyyy

# SAFETY DATA SHEET

## Sikalastic® CV Spray (A)



Version  
1.1

Revision Date:  
30.10.2022

SDS Number:  
100000010859

Date of last issue: 28.08.2020  
Date of first issue: 28.08.2020

### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
SG OEL	:	Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.
ACGIH / TWA	:	8-hour, time-weighted average
SG OEL / PEL (long term)	:	Permissible Exposure Level (PEL) Long Term
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 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.

SG / EN