

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaBiresin® CH910-5 Blade Repair Part B

Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.
55 Elizabeth Street
Wetherill Park, NSW 2164

Telephone : +61 2 9725 11 45

Emergency telephone number : +61 1800 033 111

Telefax : +61 2 9725 33 30

Recommended use of the chemical and restrictions on use

Product use : Composites system

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

Skin corrosion/irritation : Sub-category 1B

Serious eye damage/eye irritation : Category 1

Skin sensitisation : Category 1

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

H412 Harmful to aquatic life with long lasting effects.

Supplemental Hazard Statements : AUH071 Corrosive to the respiratory tract.

Precautionary statements :

Prevention:

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/ hearing protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

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)
4-methylcyclohexane-1,3-diamine	13897-55-7	>= 30 -< 60
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 30 -< 60
m-phenylenebis(methylamine)	1477-55-0	>= 10 -< 25

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

Polyoxypropylene diamine	9046-10-0	≥ 10 -< 25
Amines, polyethylenepoly-, tetraethylene-pentamine fraction	90640-66-7	≥ 10 -< 25
2-methylcyclohexane-1,3-diamine	13897-56-8	≥ 5 -< 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.
Causes severe burns.
Corrosive to the respiratory tract.
- Notes to physician : Treat symptomatically.

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

SECTION 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.
- 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 application area.
Follow standard hygiene measures when handling chemical products
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

Conditions for safe storage : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.
Store in original container.
Keep container tightly closed in a dry and 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	Peak limit	0.1 mg/m3	AU OEL
Further information: Skin absorption				

Appropriate engineering controls : Use adequate ventilation and/or engineering controls to prevent exposure to vapours.

Personal protective equipment

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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.
Follow AS/NZS 1337.1
Recommended: Butyl rubber/nitrile rubber gloves.
Contaminated gloves should be removed.

Eye protection : Safety glasses

Skin and body protection : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)
Follow AS 2210:3
Rubber aprons

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light yellow

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

Odour	: amine-like
Odour Threshold	: No data available
pH	: Not applicable substance/mixture is non-soluble (in water)
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 (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	: 0.17 hPa
Relative vapour density	: No data available
Density	: ca. 0.94 g/cm ³ (20 °C (68 °F))
Solubility(ies)	
Water solubility	: partly soluble
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. 20 mPa.s (20 °C (68 °F))
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Volatile organic compounds	: Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

Volatile organic compounds (VOC) content: 40% 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	: see section 7.
Hazardous decomposition products	: No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

Components:

4-methylcyclohexane-1,3-diamine:

Acute oral toxicity : LD50 Oral (Rat): 1,276 mg/kg

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

Acute oral toxicity : LD50 Oral (Rat): 1,030 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 2,000 - 5,000 mg/kg

m-phenylenebis(methylamine):

Acute oral toxicity : LD50 Oral (Rat): 930 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1.34 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: Corrosive to the respiratory tract.

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

Polyoxypropylene diamine:

Acute oral toxicity : LD50 Oral (Rat): 2,880 mg/kg

Amines, polyethylenepoly-, tetraethylenepentamine fraction:

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

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

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

2-methylcyclohexane-1,3-diamine:

Acute oral toxicity : LD50 Oral (Rat): 1,276 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

Not classified based on available information.

STOT - single exposure

Corrosive to the respiratory tract.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

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

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

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

NOEC (Desmodesmus subspicatus (green algae)): 1.5 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

Polyoxypropylene diamine:

Toxicity to algae/aquatic : EC50 (Pseudokirchneriella subcapitata (algae)): 15 mg/l
plants Exposure time: 72 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 80 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 48 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.
Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Send to a licensed waste management company.

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.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.

Do not re-use empty containers.

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 2735
Proper shipping name : Amines, liquid, corrosive, n.o.s.
(Reaction product of 2,4-Dinitrotoluene and 2,6-Dinitrotoluene and hydrogen, 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
Class : 8
Packing group : II
Labels : Corrosive
Packing instruction (cargo aircraft) : 855
Packing instruction (passenger aircraft) : 851

IMDG-Code

UN number : UN 2735
Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.
(Reaction product of 2,4-Dinitrotoluene and 2,6-Dinitrotoluene and hydrogen, 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
Class : 8
Packing group : II
Labels : 8
EmS Code : F-A, S-B
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

ADG

UN number : UN 2735
Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.
(Reaction product of 2,4-Dinitrotoluene and 2,6-Dinitrotoluene and hydrogen, 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
Class : 8
Packing group : II
Labels : 8
Hazchem Code : 2X
Environmentally hazardous : no

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.

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

SECTION 15. REGULATORY INFORMATION

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

Therapeutic Goods (Poisons Standard) Instrument : Schedule 5 (Please use the original publication to check for specific uses, specific conditions or threshold limits that might apply for this chemical)

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

National Code of Practice for Chemicals of Security Concern : Not listed

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

AU AIIC : All components are listed on the inventory, regulatory obligations/restrictions apply

SECTION 16. OTHER INFORMATION

Revision Date : 05.08.2026
Date of last issue : 16.12.2025
Date format : dd.mm.yyyy

Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

AU OEL / Peak limit : Exposure standard - peak

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 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

SAFETY DATA SHEET

SikaBiresin® CH910-5 Blade Repair Part B



Version
1.1

Revision Date:
05.08.2026

SDS Number:
100000052998

Date of last issue: 16.12.2025
Date of first issue: 16.12.2025

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

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: aus.sika.com

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 !

AU / EN