according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Sikafloor® M 869 Part A



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Revision Date: 26.03.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sikafloor® M 869 Part A

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Polyurethane coating

1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Schweiz AG

Tüffenwies 16 8048 Zürich

Telephone : +41 58 436 40 40

Telefax :

E-mail address of person responsible for the SDS

EHS@ch.sika.com

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich

+41(0)44 251 51 51 / Speed calling: 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Reproductive toxicity, Category 1B H360D: May damage the unborn child.

Long-term (chronic) aquatic hazard, Cat-H411: Toxic to aquatic life with long lasting effects.

egory 2

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :





Signal word : Danger

Hazard statements : H317 May cause an allergic skin reaction.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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H360D May damage the unborn child.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : Prevention:

P201 Obtain special instructions before use.
P261 Avoid breathing mist or vapours.
P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/

eye protection/ face protection.

Response:

P308 + P313 IF exposed or concerned: Get medical ad-

vice/ attention.

P391 Collect spillage.

Hazardous components which must be listed on the label:

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine 2-ethylhexanoic acid and its salts hexahydromethylphthalic anhydride

Additional Labelling

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

Restricted to professional users.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
6-methyl-2,4- bis(methylthio)phenylene-1,3- diamine	106264-79-3 403-240-8 01-0000015292-76- XXXX	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute toxicity estimate Acute oral toxicity: 1.515 mg/kg	>= 10 - < 20
2-ethylhexanoic acid and its salts	149-57-5 205-743-6 01-2119488942-23- XXXX	Repr. 1B; H360D	>= 0,5 - < 1
hexahydromethylphthalic anhy- dride	25550-51-0 247-094-1 01-2119845474-33- XXXX	Eye Dam. 1; H318 Resp. Sens. 1; H334 Skin Sens. 1; H317	>= 0,1 - < 0,5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of 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 : Do not induce vomiting without medical advice.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms Allergic reactions

See Section 11 for more detailed information on health effects

and symptoms.

Risks sensitising effects

toxic effects for reproduction

May cause an allergic skin reaction. May damage the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

In case of fire, use water/water spray/water jet/carbon diox-Suitable extinguishing media :

ide/sand/foam/alcohol resistant foam/chemical powder for

extinction.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

ucts

Hazardous combustion prod- : No hazardous combustion products are known

5.3 Advice for firefighters

for firefighters

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

Further information Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.

Deny access to unprotected persons.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for 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.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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-

plication area.

Pregnant women or women of child-bearing age should not be

exposed to this product.

Follow standard hygiene measures when handling chemical

products

Advice on protection against :

fire and explosion

Normal measures for preventive fire protection.

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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

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. Store in accord-

ance with local regulations.

Further information on stor- : No decomposition if stored and applied as directed.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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age stability

7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any

use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards.

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Suitable for short time use or protection against splashes:

Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed.

Suitable for permanent exposure:

Viton gloves (0.4 mm), breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,

long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing

and stirring work.

Respiratory protection : No special measures required.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid Appearance viscous Colour grey

Odour amine-like

Melting point/ range / Freez-

ing point

No data available

Boiling point/boiling range No data available

Flammability (solid, gas) No data available

Upper/lower flammability or explosive limits

Upper explosion limit / Up- : No data available per flammability limit

Lower explosion limit /

Lower flammability limit

: No data available

: > 101 °C Flash point

Method: closed cup

Auto-ignition temperature No data available

Decomposition temperature No data available

Not applicable pН

substance/mixture is non-soluble (in water)

Viscosity

Viscosity, dynamic ca. 1.500 mPa.s (20 °C)

Viscosity, kinematic No data available

Solubility(ies)

Water solubility insoluble

according to Regulation (EC) No. 1907/2006, as amended by Commission Regula-

tion (EU) 2020/878 Sikafloor® M 869 Part A



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Partition coefficient: n-

octanol/water

: No data available

Vapour pressure : 0.01 hPa

Density ca. 1,5 g/cm3 (20 °C)

: No data available Relative vapour density

Particle characteristics : No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Components:

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine:

Acute oral toxicity : LD50 Oral (Rat): 1.515 mg/kg

Acute toxicity estimate: 1.515 mg/kg

Method: Calculation method

hexahydromethylphthalic anhydride:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

May damage the unborn child.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

Not classified due to lack of data.

Product:

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

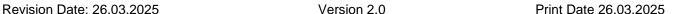
levels of 0.1% or higher.





according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

way.

Dispose of surplus and non-recyclable products via a licensed

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : UN 3082 IMDG : UN 3082 IATA : UN 3082

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

IATA : Environmentally hazardous substance, liquid, n.o.s.

(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

14.3 Transport hazard class(es)

Class Subsidiary risks

 ADR
 : 9

 IMDG
 : 9

 IATA
 : 9

14.4 Packing group

ADR

Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (-)

IMDG

Packing group : III
Labels : 9
EmS Code : F-A, S-F

IATA (Cargo)

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

964

964

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Packing instruction (cargo

aircraft)

Packing instruction (LQ) : Y964
Packing group : III

Labels : Miscellaneous

IATA (Passenger)

Packing instruction (passen- :

ger aircraft)

Packing instruction (LQ) : Y964
Packing group : III

Labels : Miscellaneous

14.5 Environmental hazards

ADR

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

IATA (Passenger)

Environmentally hazardous : yes

IATA (Cargo)

Environmentally hazardous : yes

14.6 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.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 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

REACH Information: All substances contained in our Products are

- registered by our upstream suppliers, and/or

- registered by us, and/or

excluded from the regulation, and/orexempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:

Number on list 3

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Number on list 30: 2-ethylhexanoic

acid and its salts

Number on list 52: 1,2-

Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich

Number on list 75

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

hexahydromethylphthalic anhydride

REACH - List of substances subject to authorisation

(Annex XIV)

Not applicable

Regulation (EU) No 2024/590 on substances that de-

plete the ozone layer

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Not applicable

PIC Ordinance, ChemPICO (814.82) : Not applicable

Ordinance on Protection against Major Accidents

Threshold quantity according to Major Accidents Ordi: 20.000 kg

nance (MAO 814.012)

Chemical Risk Reduction Ordinance : Conditions of restriction for the following annexes

(ORRChem, SR 814.81) should be considered:

Annex 1.11 Dangerous liquid substances

Waters Protection Ordinance (WPO 814.201)

Water pollution class : highly hazardous to water

Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: <= 3% w/w

no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention

and control)

Volatile organic compounds (VOC) content: 0,97% w/w

Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

The product belongs to group 1 according to the Swiss Chemicals Ordinance (ChemO 813.11).

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

May cause allergy or asthma symptoms or breathing difficul-H334

ties if inhaled.

H360D May damage the unborn child. H400 Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects. H410

Full text of other abbreviations

Acute Tox. Acute toxicity

Aquatic Acute Short-term (acute) aquatic hazard Aquatic Chronic Long-term (chronic) aquatic hazard

Eye Dam. Serious eye damage Reproductive toxicity Repr. Resp. Sens. Respiratory sensitisation

Skin Sens. Skin sensitisation

European Agreement concerning the International Carriage of **ADR**

Dangerous Goods by Road

CAS **Chemical Abstracts Service DNEL** Derived no-effect level

EC50 : Half maximal effective concentration Globally Harmonized System GHS

IATA International Air Transport Association

IMDG International Maritime Code for Dangerous Goods

Median lethal dosis (the amount of a material, given all at LD50

once, which causes the death of 50% (one half) of a group of

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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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

Further information

Classification of the mixture: Classification procedure:

Skin Sens. 1 H317 Calculation method
Repr. 1B H360D Calculation method
Aquatic Chronic 2 H411 Calculation method

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!

CH / EN