



SikaTile®-885 Secure Silicone Caulk

Revision Date 11/01/2024

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SECTION 1. IDENTIFICATION

Product name : SikaTile®-885 Secure Silicone Caulk

Company name : Sika Corporation
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Lyndhurst, NJ 07071
USA
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Telephone : (201) 933-8800

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Emergency telephone : CHEMTREC: 800-424-9300
INTERNATIONAL: +1-703-527-3887

Recommended use of the chemical and restrictions on use : For further information, refer to product data sheet.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitization : Category 1

Germ cell mutagenicity : Category 2

Carcinogenicity : Category 1B

Reproductive toxicity : Category 2

Specific target organ toxicity - single exposure : Category 1

Specific target organ toxicity - repeated exposure : Category 1

GHS label elements



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Hazard pictograms :



Signal Word :

Danger

Hazard Statements :

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H370 Causes damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.

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 vapors.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
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 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.



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Additional Labeling

There are no ingredients with unknown acute toxicity used in a mixture at a concentration $\geq 1\%$.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
methanol	67-56-1	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 STOT SE 1; H370	$\geq 1 - < 5$
Oxirane, (chloromethyl)- Epichlorohydrin	106-89-8	Flam. Liq. 3; H226 Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1B; H314 Skin Sens. 1; H317 Carc. 1B; H350	$\geq 1 - < 5$
phenyl glycidyl ether	122-60-1	Acute Tox. 4; H332 Skin Irrit. 2; H315 Skin Sens. 1; H317 Muta. 2; H341 Carc. 1B; H350 Carc. 2; H351 STOT SE 3; H335	$\geq 1 - < 5$
chloroform	67-66-3	Acute Tox. 4; H302 Acute Tox. 3; H331 Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Carc. 2; H351 Repr. 2; H361d STOT RE 1; H372	$\geq 1 - < 5$
acrylonitrile	107-13-1	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335	$\geq 0.1 - < 1$
4-methylpentan-2-one	108-10-1	Flam. Liq. 2; H225 Acute Tox. 4; H332 Eye Irrit. 2A; H319	$\geq 0.1 - < 1$



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		STOT SE 3; H335 Carc. 2; H351	
ethyl acrylate	140-88-5	Carc. 2; H351 Flam. Liq. 2; H225 Acute Tox. 4; H302 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Skin Sens. 1; H317 STOT SE 3; H335	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Consult a physician.
 Show this material 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 : Immediately flush eye(s) with plenty of water.
 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 induce vomiting without medical advice.
 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
 sensitizing effects
 carcinogenic effects
 Allergic reactions
 Excessive lachrymation
 Erythema
 Dermatitis
 Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye irritation.
 Suspected of causing genetic defects.
 May cause cancer.
 Suspected of damaging fertility or the unborn child.



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Causes damage to organs.
Causes damage to organs through prolonged or repeated exposure.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

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.
Local authorities should be advised if significant spillages cannot be contained.
- 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 sensitization 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-



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plication area.
Follow standard hygiene measures when handling chemical products.

Conditions for safe storage : Prevent unauthorized access.
Store in original container.
Keep container tightly closed in a dry and well-ventilated place.
Observe label precautions.
Store in accordance with local regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
methanol	67-56-1	TWA	200 ppm 260 mg/m ³	OSHA Z-1
		STEL	250 ppm 325 mg/m ³	OSHA P0
		TWA	200 ppm 260 mg/m ³	OSHA P0
Oxirane, (chloromethyl)-Epichlorohydrin	106-89-8	TWA	0.1 ppm	ACGIH
		TWA	5 ppm 19 mg/m ³	OSHA Z-1
		TWA	2 ppm 8 mg/m ³	OSHA P0
phenyl glycidyl ether	122-60-1	TWA	0.1 ppm	ACGIH
		TWA	10 ppm 60 mg/m ³	OSHA Z-1
		TWA	1 ppm 6 mg/m ³	OSHA P0
chloroform	67-66-3	TWA	10 ppm	ACGIH
		C	50 ppm 240 mg/m ³	OSHA Z-1
		TWA	2 ppm 9.78 mg/m ³	OSHA P0
acrylonitrile	107-13-1	TWA	2 ppm	ACGIH
		TWA	1 ppm	NIOSH REL
		C	10 ppm	NIOSH REL
		PEL (inhalation)	2 ppm	OSHA CARC
4-methylpentan-2-one	108-10-1	STEL	10 ppm	OSHA CARC
		TWA	100 ppm 410 mg/m ³	OSHA Z-1
		TWA	50 ppm 205 mg/m ³	OSHA P0



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		STEL	75 ppm 300 mg/m ³	OSHA P0
ethyl acrylate	140-88-5	TWA	5 ppm	ACGIH
		STEL	15 ppm	ACGIH
		TWA	25 ppm 100 mg/m ³	OSHA Z-1
		TWA	5 ppm 20 mg/m ³	OSHA P0
		STEL	25 ppm 100 mg/m ³	OSHA P0

The above constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Engineering measures : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protective equipment

Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/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 : Avoid contact with skin, eyes and clothing.
 Wash hands before breaks and immediately after handling the product.
 Remove contaminated clothing and protective equipment before entering eating areas.
 Wash thoroughly after handling.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	various
Odor	:	none
Odor 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. 392 °F / 200 °C (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
Vapor pressure	:	0.01 hpa
Relative vapor density	:	No data available
Density	:	1.0 - 1.6 g/cm ³ (68 °F / 20 °C)
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 20.5 mm ² /s (104 °F / 40 °C)



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Explosive properties : No data available
Oxidizing properties : No data available
Volatile organic compounds (VOC) content : 10 g/l

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 : No data available
Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Components:

chloroform:

Acute oral toxicity : LD50 Oral (Rat): 800 mg/kg

4-methylpentan-2-one:

Acute oral toxicity : LD50 Oral (Rat): 2,080 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 16,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.



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Respiratory sensitization

Not classified due to lack of data.

Germ cell mutagenicity

Suspected of causing genetic defects.

Carcinogenicity

May cause cancer.

IARC	Group 2A: Probably carcinogenic to humans 1-chloro-2,3-epoxypropane	106-89-8
	Group 2B: Possibly carcinogenic to humans Titanium dioxide (> 10 µm)	13463-67-7
	Group 2B: Possibly carcinogenic to humans acrylonitrile	107-13-1
	Group 2B: Possibly carcinogenic to humans chloroform	67-66-3
	Group 2B: Possibly carcinogenic to humans 4-methylpentan-2-one	108-10-1
	Group 2B: Possibly carcinogenic to humans ethyl acrylate	140-88-5
	Group 2B: Possibly carcinogenic to humans phenyl glycidyl ether	122-60-1
OSHA	OSHA specifically regulated carcinogen acrylonitrile	107-13-1
NTP	Reasonably anticipated to be a human carcinogen acrylonitrile	107-13-1
	Reasonably anticipated to be a human carcinogen 1-chloro-2,3-epoxypropane	106-89-8
	Reasonably anticipated to be a human carcinogen chloroform	67-66-3

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT-single exposure

Causes damage to organs.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks : Titanium dioxide (13463-67-7)
In lifetime inhalation studies of rats, airborne respirable-size titanium dioxide particles have shown to cause an increase in



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lung tumors at concentrations associated with substantial particle lung burdens and consequential pulmonary overload and inflammation. The potential for these adverse health effects appears to be closely related to the particle size and the amount of the exposed surface area that comes into contact with the lung. However, tests with other laboratory animals such as mice and hamsters, indicate that rats are significantly more susceptible to the pulmonary overload and inflammation that causes lung cancer. Epidemiological studies do not suggest an increased risk of cancer in humans from occupational exposure to titanium dioxide. Titanium dioxide has been characterized by IARC as possibly carcinogenic to humans (Group 2B) through inhalation (not ingestion). It has not been characterized as a potential carcinogen by either NTP or OSHA.

SECTION 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 : Do not empty into drains; dispose of this material and its container in a safe way.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Global warming potential

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

Components:

chloroform:

20-year global warming potential: 74.2
100-year global warming potential: 20.6
500-year global warming potential: 5.87
Atmospheric lifetime: 0.501 yr
Radiative efficiency: 0.074 Wm²ppb
Further information: Chlorocarbons and Hydrochlorocarbons



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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

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

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

- TSCA list** : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)
chloroform	67-66-3	10

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)
chloroform	67-66-3	10

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
Oxirane, (chloromethyl)- Epichlorohydrin	106-89-8	1000



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chloroform	67-66-3	10000
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SARA 311/312 Hazards : Respiratory or skin sensitization
 Carcinogenicity
 Reproductive toxicity
 Skin corrosion or irritation
 Serious eye damage or eye irritation
 Germ cell mutagenicity
 Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

methanol	67-56-1	>= 1 - < 5 %
Oxirane, (chloromethyl)- Epichlorohydrin	106-89-8	>= 1 - < 5 %
chloroform	67-66-3	>= 1 - < 5 %
acrylonitrile	107-13-1	>= 0.1 - < 1 %
4-methylpentan- 2-one	108-10-1	>= 0.1 - < 1 %
ethyl acrylate	140-88-5	>= 0.1 - < 1 %

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

methanol	67-56-1	>= 1 - < 5 %
Oxirane, (chloromethyl)- Epichlorohydrin	106-89-8	>= 1 - < 5 %
chloroform	67-66-3	>= 1 - < 5 %

California Prop. 65

⚠ WARNING: This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer, and methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
 NIOSH REL : USA. NIOSH Recommended Exposure Limits
 OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens
 OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)



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OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / C	:	Ceiling value not be exceeded at any time.
OSHA CARC / PEL	:	Permissible exposure limit (PEL)
OSHA CARC / STEL	:	Excursion limit
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-1 / C	:	Ceiling

Notes to Reader

The information contained in this Safety Data Sheet applies only to the actual Sika Corporation ("Sika") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section 1 of this SDS.

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