



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Revision date: Dec/7/2015

Version: 3

Language: en-US

Date of print: Dec/8/2015

Silicone A, sealing and bonding, different colours

Article number 130000

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1. Product and company identification

Product identifier

Trade name: Silicone A, sealing and bonding, different colours

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

General use: One-component adhesive and sealing agent, permanently elastic.
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name: Weicon GmbH & Co. KG

Street/POB-No.: Königsberger Str. 255

Postal Code, city: 48157 Münster

Germany

WWW: www.weicon.de

E-mail: info@weicon.de

Telephone: +49 (0)251- 93 22-0

Telefax: +49 (0)251- 93 22-244

Dept. responsible for information:

Product-Safety-Department

Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

Emergency phone number

GLZ, Bonn (Germany)

Telephone: +49(0)228 / 19 240

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid

Form: pasty

Color: varying

Odor: like acetic acidic

Classification: Sensitization - skin - Category 1;

Hazard symbols:



Signal word: **Warning**

Hazard statements: May cause an allergic skin reaction.

Precautionary statements: Keep out of reach of children.

Avoid breathing vapors/spray.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection.

IF ON SKIN: Wash with plenty of water/soap.

Specific treatment (see ' First aid ' on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Dispose of contents/container to hazardous or special waste collection point.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.



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Hazards not otherwise classified

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Mixture of the substances listed below with non-hazardous additions

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS -	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	10 - 25 %	Aspiration Toxicity - Category 1.
CAS 64359-81-5	4,5-Dichloro-2-octyl-2H-isothiazol-3-one	< 0.1 %	Acute Toxicity - oral - Category 4. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 2. Skin Corrosion - Category 1C. Sensitization - skin - Category 1. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aquatic toxicity - acute - Category 1.
CAS 1067-33-0	Dibutyltin di(acetate)	< 0.1 %	Skin Corrosion - Category 1B. Sensitization - skin - Category 1. Germ cell mutagenicity - Category 2. Reproductive toxicant - Category 1B. Specific Target Organ Toxicity (Single Exposure) - Category 1. Specific Target Organ Toxicity (Repeated Exposure) - Category 1. Aquatic toxicity - acute - Category 1. Aquatic toxicity - chronic - Category 1.

4. First aid measures

In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Keep eye wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Do not attempt to pull apart bonded eyelid. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing:	Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical aid in case of troubles.

Most important symptoms/effects, acute and delayed

May cause an allergic skin reaction.

Information to physician

Treat symptomatically.



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5. Fire fighting measures

Flash point/flash point range:

> 212 °F

Auto-ignition temperature: not self-igniting

Suitable extinguishing media:

Alcohol resistant foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Sulphur oxides, hydrogen chloride, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

6. Accidental release measures

Personal precautions:

Avoid contact with skin, eyes, and clothing.

Do not breathe vapors/dust/ aerosols. Provide adequate ventilation.

Wear protective equipment. Take off contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

7. Handling and storage

Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed.

Wear protective equipment. Do not breathe vapors/dust/ aerosols.

Avoid contact with skin, eyes, and clothing.

Take off contaminated clothing and wash it before reuse.

Precautions against fire and explosion:

Keep away from sources of ignition. - No smoking.

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture contamination. Protect from frost, heat and sunlight.

Hints on joint storage:

Do not store together with oxidizing agents.

Keep away from food, drink and animal feedingstuffs.

Further details:

Do not allow the product to enter the ground.



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8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

Type	Limit value
USA: NIOSH: STEL	10 mg/m ³
USA: NIOSH: TWA	5 mg/m ³
USA: OSHA: TWA	5 mg/m ³

Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection	Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
Skin protection	Wear suitable protective clothing. Protective gloves according to OSHA Standard - 29 CFR: 1910.138. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Respiratory protection:	Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.
General hygiene considerations:	Take off contaminated clothing and wash it before reuse. Avoid contact with the substance. Wash hands before breaks and after work. When using do not eat, drink or smoke.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Form: pasty Color: varying
Odor:	like acetic acidic
Odor threshold:	no data available
pH value:	no data available
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point/flash point range:	> 212 °F
Evaporation rate:	no data available
Flammability:	Not readily combustible.
Explosion limits:	LEL (Lower Explosion Limit): not determined UEL (Upper Explosive Limit): not determined
Vapor pressure:	no data available
Vapor density:	no data available
Density:	at 68 °F: 1.03 g/cm ³
Water solubility:	insoluble



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Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	no data available
Explosive properties:	not explosive
Ignition temperature:	not determined
Additional information:	not oxidising

10. Stability and reactivity

Reactivity:	In case of heating above flashpoint, formation of ignitable vapor-air-mixtures possible.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with: Oxidizing agents.
Conditions to avoid:	Protect from moisture contamination. Protect from frost, heat and sunlight.
Incompatible materials:	Oxidizing agents.
Hazardous decomposition products:	May form dangerous gases and vapours in case of fire. In case of fire may be liberated: Sulphur oxides, hydrogen chloride, carbon monoxide and carbon dioxide.
Thermal decomposition:	no data available



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11. Toxicological information

Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.
Acute toxicity (oral): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 5000 mg/kg.
Acute toxicity (dermal): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 2000 mg/kg.
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 5 ml/L (Aerosol).
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Information about Dibutyltin di(acetate):
In-vitro (OECD 431): corrosive
Eye damage/irritation: Based on available data, the classification criteria are not met.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Sensitization - skin -
Category 1 = May cause an allergic skin reaction.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Information about Dibutyltin di(acetate):
In-vitro (OECD 473): positive
In-vivo (OECD 474): positive
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.
Information about Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics:
Subacute toxicity:
LOAEL Rat, oral, thymus: 50 ppm, modification of hemogram
Aspiration hazard: Based on available data, the classification criteria are not met.

Other information: Information about Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics:
LD50 Rat, oral: > 5000 mg/kg (OECD 401)
LD50, Rabbit, dermal: > 3160 mg/kg (OECD 402)
LC50, Rat, inhalative (Aerosol): > 5,27 mg/L (OECD 403)

Symptoms

After contact with skin:
Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).



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12. Ecological information

Ecotoxicity

Aquatic toxicity: Information about Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics:
Algae toxicity:
EL50 *Skeletonema costatum* > 10000 mg/L/72h (ISO 10253)
Daphnia toxicity:
EL50 (*Acartia tonsa*) > 3193 mg/L/48 h (EPA 1002.0.)
Fish toxicity:
EL50 (*Scophthalmus maximus*) > 1028 mg/L/96h (OECD 203)
Bacterial toxicity:
EC50 Bacteria in activated sludge: > 100 mg/L/3h (OECD 209).
Information about Dibutyltin di(acetate):
Algae toxicity:
EL50 *Skeletonema costatum* 35 µg/L/72h
Daphnia toxicity:
EC50 *Daphnia magna* (Big water flea) 1.4 mg/L/48h (OECD 202)
Fish toxicity:
LOEC: *Brachydanio rerio* (zebra-fish) 3.1 mg/L/72h (OECD 203)
Information about 4,5-Dichloro-2-octyl-2H-isothiazol-3-one:
Algae toxicity:
LC50 *Pseudokirchneriella subcapitata* (green algae) 0.077 mg/L/96h (OECD 201)
Daphnia toxicity:
EC50 *Daphnia magna* (Big water flea) 0.0052 mg/L/48h (OECD 202)
Fish toxicity:
ErC50 0.0027 mg/L/72h (OECD 203)

Further details: Information about Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics:
Biodegradation: 23 % (OECD 301)
Product is readily biodegradable.
Information about Dibutyltin di(acetate):
Biodegradation: 74 % (OECD 301 F)
Product is not readily biodegradable.

Mobility in soil

no data available

Persistence and degradability

Further details: no data available

Additional ecological information

Volatile organic compounds (VOC):
< 20 g/L = < 2%

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.



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14. Transport information

USA: Department of Transportation (DOT)

Proper shipping name: Not controlled under DOT

Sea transport (IMDG)

Proper shipping name: Not restricted
Marine pollutant: No

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

4,5-Dichloro-2-octyl-2H-isothiazol-3-one: TSCA Inventory: listed
TSCA HPVC: not listed
Dibutyltin di(acetate): TSCA Inventory: listed
TSCA HPVC: not listed

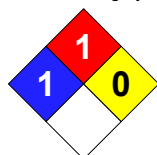
National regulations - Great Britain

Hazchem-Code: -

16. Other information

Text for labeling: Contains 10 - 25 % Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, < 0.1 % 4,5-Dichloro-2-octyl-2H-isothiazol-3-one, < 0.1 % Dibutyltin di(acetate). Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:
Health: 1 (Slight)
Fire: 1 (Slight)
Reactivity: 0 (Minimal)

HMIS Version III Rating:
Health: 1 (Slight)
Flammability: 1 (Slight)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Reason of change: Changes in section 3, 4, 5, 8, 11, 12, 13, 15,: General revision
Date of first version: Nov/24/2015

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.