

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



HIPPO SEALit SANITARY SILICONE - ALL COLOURS

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

1.1 Product identifier

Trade name:

Hippo SEALit Sanitary Silicone

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

Sealant

1.3 Details of the supplier of the safety data sheet

Company:

(See further below)

Telephone:

(See further below)

E-mail:

technical.support@tembediy.com

1.4 Emergency telephone number

01302 770234 (Office hours only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product:

Mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Additional Labelling:

EUH210	Safety data sheet available on request.
EUH208	Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

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.

SECTION 3: Composition/ information on ingredients

3.2 Mixtures

Hazardous components

Chemical name CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
4,5-dichloro-2-octyl-2H-isothiazol-3-one 64359-81-5 264-843-8	Acute Tox.4; H302 Acute Tox.2; H330 Skin Corr.1B; H314 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	$\geq 0,0025$ - $< 0,025$

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



If inhaled	: Move to fresh air.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	: Do not induce vomiting without medical advice. 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	: See Section 11 for more detailed information on health effects and symptoms.
Risks	: No known significant effects or hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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5.2 Special hazards arising from the substance or mixture

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

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

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
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 : For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

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. Store in accordance with local regulations.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

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

Contains no substances with occupational exposure limit values.

8.2 Exposure controls Personal protective equipment

Eye protection : Safety glasses

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.

Butyl rubber/nitrile rubber gloves (0,4 mm),
Recommended: Butyl rubber/nitrile rubber gloves.

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 : No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	paste
Colour	various
Odour	pungent
Odour Threshold	No data available
Flash point	Not applicable
Autoignition temperature	No data available
Decomposition temperature	No data available
Lower explosion limit (Vol-%)	No data available

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Upper explosion limit (Vol-%)	No data available
Flammability	No data available
Explosive properties	No data available
Oxidizing properties	No data available
pH	No data available
Melting point /range /Freezing point	No data available
Boiling point/boiling range	No data available
Vapour pressure	0,01 hPa
Density	ca.1,02 g/cm ³ at 23 °C
Water solubility	insoluble
Partition coefficient: noctanol/ water	No data available
Viscosity, dynamic	800.000 mPa.s at 20 °C
Viscosity, kinematic	> 20,5 mm ² /s at 40 °C
Relative vapour density	No data available
Evaporation rate	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 : No hazards to be specially mentioned.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



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

Hazardous decomposition products : No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Components:

4,5-dichloro-2-octyl-2H-isothiazol-3-one:

Acute oral toxicity : LD50 Oral (Rat): 1.636 mg/kg

: LC50 (Rat): 0,26 mg/l

Acute inhalation toxicity : Exposure time: 4 h

Test atmosphere: dust/mist

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

SECTION 12: Ecological information

12.1 Toxicity

4,5-dichloro-2-octyl-2H-isothiazol-3-one:

Toxicity to fish : LC50: 0,0027 mg/l, 96 h, Fish

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 10

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:

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



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 Other adverse effects

Product:

Additional ecological information

: There is no data available for this product.

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 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

Not regulated as a dangerous goods

14.2 UN proper shipping name

Not regulated as a dangerous goods

14.3 Transport hazard class(es)

Not regulated as a dangerous goods

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



14.4 Packing group Not regulated as a dangerous goods

14.5 Environmental hazards Not regulated as a dangerous goods

14.6 Special precautions for user
No data available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH Information: All substances contained in our products are

- preregistered or registered by our upstream suppliers, and/or
- preregistered or registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major accident hazards involving dangerous substances.
Not applicable.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



VOC-CH : no VOC duties
(VOCV)

VOC-EU : Not applicable
(solvent)

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture:

: Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH)
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

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.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision Date: 2017-07-19 | Version: 1.1 | MSDS-3-302-3022-2017-07-SANITARYSIL



Aquatic Chronic	Chronic aquatic toxicity
Skin Corr.	Skin corrosion
Skin Sens.	Skin sensitisation
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
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 dosis (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.