



# Hippo SEALit Sanitary Silicone

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date of issue: 11/6/2018 Revision date: 10/12/2018 Supersedes: 10/2/2018 Version: 1.2

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Hippo SEALit Sanitary Silicone

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Professional & DIY use

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Tembe DIY & Building Products Limited  
Delta Court 11  
Sky business Park  
P.O. Box Robin Hood Airport  
DN9 3GN Doncaster - United Kingdom  
[technical.support@tembediy.com](mailto:technical.support@tembediy.com)

#### 1.4. Emergency telephone number

| Country        | Official advisory body  | Address                         | Emergency number | Comment |
|----------------|---|---------------------------------|------------------|---------|
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit,<br>Guy's & St Thomas' Hospital<br>Trust | Avonley Road<br>SE14 5ER London | +44 20 7188 7188 |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation Not classified  
Serious eye damage/eye irritation Not classified  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
EUH-statements : EUH210 - Safety data sheet available on request.  
EUH208 - Contains 4,5-dichloro-2-octyl-4-isothiazolin-3-one. May produce an allergic reaction.  
Child-resistant fastening : Not applicable  
Tactile warning : Not applicable

#### 2.3. Other hazards

Contains PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name   | Product identifier   | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]      |
|--|--|---|--|
| Distillates (petroleum), hydrotreated middle; Gasoil—unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205°C to 400°C (401 °F to 752 °F).]<br>(Note N) | (CAS-No.) 64742-46-7<br>(EC-No.) 265-148-2<br>(EC Index-No.) 649-221-00-X<br>(REACH-no) 01-2119552497-29 | 5 - 25  | Asp. Tox. 1, H304  |
| Ethyltriacetoxysilaan  | (CAS-No.) 17689-77-9<br>(EC-No.) 241-677-4<br>(REACH-no) 01-2119881778-15                                | < 5   | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318 |
| Oligomere ethyl- en methylacetoxysilanen   |  | < 2.5   | Skin Corr. 1B, H314<br>Eye Dam. 1, H318                              |
| Dodecamethylcyclohexasiloxaan<br>substance listed as REACH Candidate<br>(Dodecamethylcyclohexasiloxane (D6))<br>non-classified PBT substance<br>non-classified vPvB substance  | (CAS-No.) 540-97-6<br>(EC-No.) 208-762-8   | 0.1 - 1   | Not classified   |
| <b>Specific concentration limits:</b>  |  |   |  |
| Name   | Product identifier   | Specific concentration limits                             |  |
| Ethyltriacetoxysilaan  | (CAS-No.) 17689-77-9<br>(EC-No.) 241-677-4<br>(REACH-no) 01-2119881778-15                                | (C >= 5) Skin Corr. 1B, H314<br>(C >= 5) Eye Dam. 1, H318 |  |

Note N : The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : No significant signs or symptoms indicative of any health hazard are expected to occur since this product is not respirable.                                |
| First-aid measures after skin contact | : After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water. Get medical advice if skin irritation persists. |
| First-aid measures after eye contact  | : Rinse immediately with water. If eye irritation persists, consult a specialist.   |
| First-aid measures after ingestion    | : Give 2-3 glasses of water to drink. Do NOT induce vomiting.   |

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Dry chemical, CO <sub>2</sub> , or water spray or regular foam. Sand. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.  |

### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Acetic acid.   |
| Hazardous decomposition products in case of fire | : Carbon monoxide. Carbon dioxide. Silicon oxide. Hazardous combustion products. Hydrocarbons. |

### 5.3. Advice for firefighters

|                                |                                    |
|--------------------------------|------------------------------------|
| Precautionary measures fire    | : Evacuate unnecessary personnel.  |
| Protection during firefighting | : Compressed air/oxygen apparatus. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |  |
|------------------|--|
| General measures | : Avoid contact with skin and eyes. Do not inhale vapour. Personal protections equipments. Spill area may be slippery. |
|------------------|--|

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### 6.1.1. For non-emergency personnel

No additional information available

### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

### 6.2. Environmental precautions

Avoid undiluted product to come into sewer or superficial water. Contain the spilled material by bunding.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb remaining liquid with sand or inert absorbent and remove to safe place. Clean up any spills as soon as possible, using an absorbent material to collect it.

Other information : Remove all sources of ignition.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Ensure adequate ventilation.

Precautions for safe handling : Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide adequate ventilation. Store in a clean, dry, fire resistant area.

Storage area : Protect from moisture. Keep container tightly closed in a cool place. Keep container in well ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205°C to 400°C (401 °F to 752 °F).] (64742-46-7)

|    |                                |                       |
|----|--------------------------------|-----------------------|
| EU | IOELV TWA (mg/m <sup>3</sup> ) | 600 mg/m <sup>3</sup> |
|----|--------------------------------|-----------------------|

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Materials for protective clothing:

Protective clothing

#### Hand protection:

| Type              | Material             | Permeation        | Thickness (mm) | Penetration | Standard |
|-------------------|----------------------|-------------------|----------------|-------------|----------|
| Reusable gloves   | Butyl rubber         | 6 (> 480 minutes) | >0.3mm         |             | EN 374   |
| Disposable gloves | Nitrile rubber (NBR) | 3 (> 60 minutes)  | >0.1 mm        |             | EN 374   |

#### Eye protection:

tightly fitting safety goggles

| Type           | Use | Characteristics   | Standard |
|----------------|-----|-------------------|----------|
| Safety glasses |     | With side shields | EN 166   |

#### Skin and body protection:

Protective clothing (with elasticated cuffs and closed neck)

#### Respiratory protection:

| Device   | Filter type | Condition | Standard         |
|----------|-------------|-----------|------------------|
| Gas mask | ABEK        |           | EN 136, EN 14387 |

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### Personal protective equipment symbol(s):



### Environmental exposure controls:

Do not allow to enter drains or water courses.

### Other information:

Avoid contact with skin and eyes. Do not eat, drink or smoke during use. Do not breathe vapours.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                           |   |
|---------------------------|---|
| Physical state            | : Liquid  |
| Appearance                | : Pasty.  |
| Colour                    | : According to product specification.                                   |
| Odour                     | : Pungent, irritating.  |
| Auto-ignition temperature | : 400 °C DIN 51794  |
| Density                   | : 1.01 g/cm <sup>3</sup> @23°C ISO 1183-1 A                             |
| Relative gas density      | : 1.01 @23°C ISO 1183-1 A   |
| Solubility                | : Reacts with water. Hydrofluoric acid.<br>Water: practically insoluble |
| Viscosity, kinematic      | : ≈ 792079.208 mm <sup>2</sup> /s                                       |
| Viscosity, dynamic        | : ≈ 800000 mPa.s  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No dangerous reactions known.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Moisture. Open flame. Heat. Sources of ignition.

### 10.5. Incompatible materials

Avoid contact of substance with water.

### 10.6. Hazardous decomposition products

Acetic acid.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

### Hippo SEALit Sanitary Silicone

|                    |                         |
|--------------------|-------------------------|
| LD50 oral rat      | > 2000 mg/kg By analogy |
| LD50 dermal rat    | > mg/kg                 |
| LD50 dermal rabbit | > 2009 mg/kg By analogy |

### Ethyltriacetoxysilaan (17689-77-9)

|               |           |
|---------------|-----------|
| LD50 oral rat | 380 mg/kg |
|---------------|-----------|

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|   |                |
|---|----------------|
| LD50 oral rat                           | > 5000 mg/kg   |
| LD50 dermal rat                         | > 2000 mg/kg   |
| LC50 inhalation rat (Vapours - mg/l/4h) | > 5000 mg/l/4h |

### Dodecamethylcyclhexasiloxaan (540-97-6)

|                 |            |
|-----------------|------------|
| LD50 oral rat   | 2000 mg/kg |
| LD50 dermal rat | 2000 mg/kg |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : No data available, however by analogy, this product is not considered to be irritating to the skin. (Based on available data, the classification criteria are not met)<br>pH: Not required |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)<br>pH: Not required  |
| Additional information            | : (OECD 437 method)  |
| Respiratory or skin sensitisation | : No sensitizing reaction was observed for guinea pigs   |
| Germ cell mutagenicity            | : Not classified (Lack of data)  |
| Carcinogenicity                   | : Not classified (Lack of data)  |
| Reproductive toxicity             | : Not classified (Lack of data)  |
| STOT-single exposure              | : Not classified   |
| STOT-repeated exposure            | : Not classified   |

**Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205°C to 400°C (401 °F to 752 °F).] (64742-46-7)**

|                            |                              |
|----------------------------|------------------------------|
| NOAEL (oral, rat, 90 days) | >= 5000 mg/kg bodyweight/day |
|----------------------------|------------------------------|

### Dodecamethylcyclhexasiloxaan (540-97-6)

|                                       |                           |
|---------------------------------------|---------------------------|
| LOAEL (oral, rat, 90 days)            | 1000 mg/kg bodyweight/day |
| LOAEC (inhalation, rat, gas, 90 days) | 10 ppmv/6h/day            |

|                   |   |
|-------------------|---|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------|---|

### Hippo SEALit Sanitary Silicone

|                      |                                 |
|----------------------|---------------------------------|
| Viscosity, kinematic | ≈ 792079.208 mm <sup>2</sup> /s |
|----------------------|---------------------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

|                          |                  |
|--------------------------|------------------|
| Acute aquatic toxicity   | : Not classified |
| Chronic aquatic toxicity | : Not classified |

### Hippo SEALit Sanitary Silicone

|                   |                                   |
|-------------------|-----------------------------------|
| LC50 fish 1       | 10 - 100 mg/l Not harmful to fish |
| EC50 Daphnia 1    | 10 - 100 mg/l DCOIT               |
| NOEC (chronic)    | > 1 mg/l DCOIT                    |
| NOEC chronic fish | > 1 mg/l DCOIT                    |

### Ethyltriacetoxysilaan (17689-77-9)

|                    |                              |
|--------------------|------------------------------|
| LC50 fish 1        | 251 mg/l (OECD 203 method)   |
| EC50 Daphnia 1     | 62 mg/l (OECD 202 method)    |
| EC50 72h algae (1) | > 100 mg/l (OECD 209 method) |

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|                              |                     |
|------------------------------|---------------------|
| LC50 fish 1                  | > 87556 mg/l        |
| EC50 Daphnia 1               | > 1000 mg/l         |
| EC50 72h algae (1)           | > 1000 mg/l         |
| ErC50 (other aquatic plants) | > 100 mg/l          |
| NOEC chronic fish            | > 1000 mg/l 28 days |
| NOEC chronic crustacea       | 5 mg/l 21 days      |

### Dodecamethylcyclhexasiloxaan (540-97-6)

|                                |                                |
|--------------------------------|--------------------------------|
| EC50 other aquatic organisms 1 | > 420 mg/l                     |
| EC50 72h algae (1)             | ≈ 0.002 mg/l OECD 201          |
| NOEC chronic fish              | ≈ 4.4 µg/l Pimephales promelas |

### 12.2. Persistence and degradability

#### Hippo SEALit Sanitary Silicone

|                               |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | The product is not biodegradable. |
|-------------------------------|-----------------------------------|

**Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205°C to 400°C (401 °F to 752 °F).] (64742-46-7)**

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation                | 74 % (OECD 306 method) |

### 12.3. Bioaccumulative potential

#### Hippo SEALit Sanitary Silicone

|                           |                                 |
|---------------------------|---------------------------------|
| Bioaccumulative potential | Not potentially bioaccumulable. |
|---------------------------|---------------------------------|

### Dodecamethylcyclhexasiloxaan (540-97-6)

|         |      |
|---------|------|
| Log Pow | 8.87 |
| Log Kow | 8    |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Component

|   |   |
|---|---|
| Dodecamethylcyclhexasiloxaan (540-97-6) | This substance/mixture meets the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII |
|---|---|

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                              |  |
|------------------------------|--|
| Regional legislation (waste) | : Disposal must be done according to official regulations.   |
| Waste treatment methods      | : Empty the packaging completely prior to disposal. Must follow special treatment according to local regulation. |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration  $\geq 0.1\%$  or with a lower specific limit: Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6)

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4   |
| Asp. Tox. 1                         | Aspiration hazard, Category 1   |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1   |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B  |
| H302                                | Harmful if swallowed.   |
| H304                                | May be fatal if swallowed and enters airways.   |
| H314                                | Causes severe skin burns and eye damage.  |
| H318                                | Causes serious eye damage.  |
| EUH208                              | Contains 4,5-dichloro-2-octyl-4-isothiazolin-3-one. May produce an allergic reaction. |

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|        |   |
|--------|---|
| EUH210 | Safety data sheet available on request. |
|--------|---|

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*