



Safety Data Sheet acc. to OSHA HCS


Printing date 12/03/2013

Reviewed on 12/03/2013

1 Identification

- . **Product identifier**
- . **Trade name:** Siliconenkit Sanitair
- . **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- . **Application of the substance / the mixture** Sealant
- . **Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:**
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 88 3235700
fax. +31 88 3235800
e mail: msds@boltonadhesives.com
- . **Information department:** Bison QESH
- . **Emergency telephone number:** +31 88 3235700

2 Hazard(s) identification

- . **Classification of the substance or mixture**
 - . **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Not applicable.
 - . **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - . **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
-
- . **Label elements**
 - . **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
 - . **Safety phrases:**
Avoid contact with skin and eyes.
Use only in well-ventilated areas.
 - . **Classification system:**
 - . **NFPA ratings (scale 0-4)**


Health = 0
Fire = 1
Reactivity = 0
 - . **Other hazards**
 - . **Results of PBT and vPvB assessment**
 - . **PBT:** Not applicable.

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. **vPvB:** Not applicable.

3 Composition/information on ingredients

. **Chemical characterization:** Mixtures

. **Description:** Sealant

. **Dangerous components:**

17689-77-9 triacetoxymethylsilane

≤ 2.5%

4253-34-3 methylsilanetriyl triacetate

≤ 2.5%

. **Additional information:**

As the product vulcanises acetic acid (CAS 64-19-7) is produced.

For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

. **Description of first aid measures**

. **General information:** No special measures required.

. **After inhalation:** Supply fresh air; consult doctor in case of complaints.

. **After skin contact:** Generally the product does not irritate the skin.

. **After eye contact:** Rinse opened eye for several minutes under running water.

. **After swallowing:** If symptoms persist consult doctor.

. **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

. **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

. **Extinguishing media**

. **Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

. **Special hazards arising from the substance or mixture**

No further relevant information available.

. **Advice for firefighters**

. **Protective equipment:** No special measures required.

6 Accidental release measures

. **Personal precautions, protective equipment and emergency procedures** Not required.

. **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

. **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

. **Reference to other sections**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

. **Precautions for safe handling**

No special measures required.

Ensure good ventilation/exhaustion at the workplace.

. **Information about protection against explosions and fires:**

No special measures required.

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- . **Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** No special requirements.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** None.
- . **Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- . **Additional information about design of technical systems:**
No further data; see item 7.
- . **Control parameters**
- . **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- . **Additional information:**
The lists that were valid during the creation were used as basis.
- . **Exposure controls**
- . **Personal protective equipment:**
- . **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- . **Breathing equipment:** Not required.
- . **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- . **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- . **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- . **Eye protection:** Goggles recommended during refilling.

* 9 Physical and chemical properties

- . **Information on basic physical and chemical properties**
- . **General Information**
- . **Appearance:**
 - Form: Fluid
 - Color: According to product specification
- . **Odor:** Characteristic
- . **Odour threshold:** Not determined.

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SILICONENKIT SANITAIR

WATERPROOF SILICONE SEALANT FOR ALL SANITARY SEALING JOBS.



1491320 - BISON SILICONENKIT TRANSPARENT CARTRIDGE 310 ML NL

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. pH-value:	Not determined.
. Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	175 °C (347 °F)
. Flash point:	> 100 °C (> 212 °F)
. Flammability (solid, gaseous):	Not applicable.
. Ignition temperature:	370 °C (698 °F)
. Decomposition temperature:	Not determined.
. Auto igniting:	Product is not selfigniting.
. Danger of explosion:	Product does not present an explosion hazard.
. Explosion limits:	
Lower:	0.5 Vol %
Upper:	6.5 Vol %
. Vapor pressure at 20 °C (68 °F):	2.0 hPa (2 mm Hg)
. Density at 20 °C (68 °F):	0.98 g/cm ³ (8.178 lbs/gal)
. Relative density	Not determined.
. Vapour density	Not determined.
. Evaporation rate	Not determined.
. Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
. Partition coefficient (n-octanol/ water):	Not determined.
. Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Organic solvents:	0.0 %
Solids content:	80.0 %
. Other information	No further relevant information available.

10 Stability and reactivity

- . **Reactivity**
- . **Chemical stability**
- . **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- . **Possibility of hazardous reactions** No dangerous reactions known.
- . **Conditions to avoid** No further relevant information available.
- . **Incompatible materials:** No further relevant information available.
- . **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** No irritant effect.
- . **on the eye:** No irritating effect.
- . **Sensitization:** No sensitizing effects known.

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. Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

. Carcinogenic categories

. IARC (International Agency for Research on Cancer)

7631-86-9 silicon dioxide, chemically prepared: 3

. NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

. Toxicity

- . Aquatic toxicity:** No further relevant information available.
- . Persistence and degradability** No further relevant information available.
- . Bioaccumulative potential** No further relevant information available.
- . Mobility in soil** No further relevant information available.

. Additional ecological information:

. General notes:

Water hazard class 2 (Self-assessment): hazardous for water
Danger to drinking water if even small quantities leak into the ground.

. Results of PBT and vPvB assessment

- . PBT:** Not applicable.
- . vPvB:** Not applicable.
- . Other adverse effects** No further relevant information available.

13 Disposal considerations

. Waste treatment methods

- . Recommendation:** Smaller quantities can be disposed of with household waste.

. Uncleaned packagings:

. Recommendation:

Disposal must be made according to official regulations.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

. UN-Number

- . DOT, ADR, ADN, IMDG, IATA** Void

. UN proper shipping name

- . DOT, ADR, ADN, IMDG, IATA** Void

. Transport hazard class(es)

. DOT, ADR, ADN, IMDG, IATA

- . Class** Void

. Packing group

- . DOT, ADR, IMDG, IATA** Void

. Environmental hazards:

- . Marine pollutant:** No
- . Special precautions for user** Not applicable.
- . Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

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. Transport/Additional information:

. IMDG

. Remarks:

Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2

*** 15 Regulatory information**

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

. SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

. SARA Section 313 (specific toxic chemical listings)

None of the ingredients is listed.

. TSCA (Toxic Substances Control Act)

63148-62-9 polydimethylsiloxane

7631-86-9 silicon dioxide, chemically prepared

17689-77-9 triacetoxyethylsilane

4253-34-3 methylsilanetriyl triacetate

. Prop 65 - Chemicals known to cause cancer

None of the ingredients is listed.

. Cancerogenicity categories

. EPA (Environmental Protection Agency)

None of the ingredients is listed.

. TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

. MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

. NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

. OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

. Product related hazard informations:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

. Safety phrases:

Avoid contact with skin and eyes.

Use only in well-ventilated areas.

. National regulations:

. Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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* **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . **Department issuing MSDS:** QESH Department
- . **Contact:** Reach coördinator
- . *** Data compared to the previous version altered.**

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