

Material Safety Data Sheet (MSDS)

According to 1907/2006/EC, Article 31 | Printing date 14.12.2018 | Version 1 |
Revision 14.12.2018 Tradename Gap Seal

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY /

UNDERTAKING 1.1 Product identifier

Trade name: Gap Seal

Article number: 100000534068

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

No further relevant information available.

Application of the substance / the mixture Sealant

- Sealant
- Glue

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Ubbink B.V.
Verhuellweg 9
NL - 6984 AA Doesburg
The Netherlands
Tel.: +31 (0)313-480200
E-mail: info@ubbink.com
Internet: www.ubbink.com

Further information obtainable from:

Ubbink (UK) Ltd - Technical department
info@ubbink.co.uk

1.4 Emergency telephone number:

Technical department +44 (0)1604 433000
Available from 8:45 - 17:00 h

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms -

Signal word -

Hazard statements -

Additional information

Contains Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, N-(3 (trimethoxysilyl)propyl) ethyleendiamine, N-[3- (dimethoxymethylsilyl)propyl]ethylenediamine, dioctyltinbis(acetylacetonate)). May produce an allergic reaction. Safety data sheet available on request.

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2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 2768-02-7

EINECS: 220-449-8

Reg.nr.: 01-2119513215-52-xxxx

Trimethoxyvinylsilane

1-<5%



Flam. Liq. 3, H226



Acute Tox. 4, H332

Additional information:

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

SECTION 4: FIRST AID MEASURES

4.1 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.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

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Protective equipment: Mouth respiratory protective device.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

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

Pick up mechanically.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling Use only in well ventilated areas.

Information about fire - and explosion protection: No special measures required.

7.2 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.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients 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 valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Not required.

Respiratory protection:

Protection of hands:

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

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Material of gloves:

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties General Information

Appearance:

Form:	Pasty
Colour:	Various colors
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Undetermined
Change in condition	
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	270°C
Flash point:	100 °C
> Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Undetermined
Decomposition temperature:	Not determined
Self-igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Undetermined
Upper:	Undetermined
Vapour pressure:	Undetermined
Density at 20 °C:	1,56 g/cm ³
Relative density	Not determined
Vapour density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not determined
Partition coefficient (n-octanol/water):	Not miscible or difficult to mix
Viscosity:	Not determined

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Dynamic:	Not determined
Kinematic:	Not determined
Solvent content:	
VOC (EC)	0.02 %
VOC (EC)	0.4 g/l

9.2 Other information

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials:

No further relevant information available

10.6 Hazardous decomposition products

No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL

INFORMATION 11.1 Information on toxicological effects **Acute toxicity**

Primary irritant effect

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Skin corrosion/irritation Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell

Based on available data, the classification criteria are not met

mutagenicity

Based on available data, the classification criteria are not met

Carcinogenicity

Based on available data, the classification criteria are not met

Reproductive toxicity

Based on available data, the classification criteria are not met

STOT-single exposure

Based on available data, the classification criteria are not met

STOT-repeated

Based on available data, the classification criteria are not met

exposure Aspiration

hazard

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SECTION 12: ECOLOGICAL

INFORMATION 12.1 Toxicity

Aquatic toxicity

No further relevant information available

12.2 Persistence and degradability

No further relevant information available

12.3 Bioaccumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available

Additional ecological information

General notes

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment **PBT**: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL

CONSIDERATIONS 13.1 Waste

treatment methods **Recommendation**

Disposal must be made according to official regulations

European waste catalogue

08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances

Uncleaned packaging

Recommendation

Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number

ADR, ADN, IMDG, IATA

-

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

-

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

-

14.4 Packing group

ADR, IMDG, IATA

-

14.5 Environmental hazards:

Not applicable

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14.6 Special precautions for user *Not applicable*

14.7 Transport in bulk according to Annex
II of **Marpol and the IBC Code** *Not applicable*
UN "Model Regulation" -

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

Named dangerous substances - ANNEX I *None of the ingredients is listed.*

15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

SECTION 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.

Relevant phrases

H225 Flammable liquid and vapour.

H332 Harmful if inhaled.

R10 Flammable.

R20 Harmful by inhalation.

Department issuing MSDS: Product safety department.

Technical department

Contact: Keely Richards

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4