

# 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.

# 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

## 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-&lt;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

# 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

**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.

**Respiratory protection:**

Not required.

**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

# 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

	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
<b>Material of gloves:</b>	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.
<b>Penetration time of glove material:</b>	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Eye protection:</b>	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 <sup>3</sup>
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:	

# 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

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

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met
<b>Primary irritant effect</b>	Skin corrosion/irritation Based on available data, the classification criteria are not met
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met
<b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met

# 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 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

# 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

*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: Keith Plummer / 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