



HB42[®] All-in-One | SEALANT & ADHESIVE

GEV EC1 Approved

01/7/13 - Vs.1

SAFETY DATA SHEET

Conforms to Regulation (EU) No: 453/2010

SECTION 1: Identification of the substance and of the company

1.1 Product identifier

- **Product name:** HB42 Sealant & Adhesive (white, clear, black & grey)

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

No further relevant information available.

- **Application of the substance / the preparation:** Sealant & Adhesive

1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Hilton Banks Ltd

74 Oldfield Road

Hampton

Middx

TW12 2HR

UK

Tel: +44 (0)20 8979 8284

Fax: +44 (0)20 8979 8294

www.hiltonbanks.com

sales@hiltonbanks.com

1.4 Emergency telephone number

Tel: +44 (0)20 8979 8284 (office hours only)

SECTION 2: Hazards Identification

2.1 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:**



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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 is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **Special labelling of certain preparations:**

Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, N-(3-(trimethoxysilyl)propyl)ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine. May produce an allergic reaction.

Safety data sheet available for professional user on request.

2.3 Other hazards

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components :

CAS: 2768-02-7	:	trimethoxyvinylsilane 1-5%
EINECS: 220-449-8	:	Xn R20
		R10
		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.



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- **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: Fire Fighting 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 fire fighters:

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

SECTION 6: Accidental Release Measures

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

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).

6.4 Reference to other sections

- No dangerous substances are released.
- See Section 7 for information on safe handling.



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- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling & Storage

7.1 Precautions for safe handling

No special measures required.

- **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 require
- **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 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**



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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 & Chemical Properties

9.1 Information on basic physical and chemical properties

- **General Information**

- **Appearance:**

Form:	Paste
Colour:	According to product specification
Odour:	Characteristic

- **Odour threshold:**

Not determined.

- **pH-value:**

Not determined.

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	270 °C

- **Flash point:**

227 °C

- **Flammability (solid, gaseous):**

Not applicable.

- **Ignition temperature:**

Decomposition temperature: Not determined.

- **Self-igniting:**

Product is not self-igniting.

- **Danger of explosion:**

Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapour pressure:**

Not determined.

- **Density at 20 °C:**

1.542 g/cm (Colours) 1.063 g/cm (Clear)

- **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.



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• **Solvent content:**

Organic solvents:	0.0 %
VOC (EC)	2.30 % (White, Black & Grey) 3.36% (Clear)
GEV-EMICODE; EC1	Very Low Emissions Licence no: 4408/19.02.10

9.2 Other information No further relevant information available.

SECTION 10: Stability & Reactivity

10.1 Reactivity

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:**
 - on the skin:** No irritant effect.
 - on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.



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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:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport Information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void



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14.3 Transport hazard classes

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory Information

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

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

R10 Flammable.

R20 Harmful by inhalation

