

**Safety data sheet according to regulation  
(EC) No 1907/2006 and (EC) No 1272/2008**



**Trade name:** Techno – Adhesive HTG  
**Created on:** 11.05.2009  
**Issue date:** 01.06.2015  
**Version:** V2.1  
**Replaces former version:** V2.0  
**Revision datet:** 20.09.2017  
**File name:** Techno-KleberHTG\_en\_SDB

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**1. Designation of Material/Preparation/ and Company**

**Trade-name:** Techno – Adhesive HTG  
**REACH registration number:** none  
**Product Information:** Adhesive inorganic  
**Manufacturer/Supplier :**

Techno-Physik Engineering GmbH  
Schürmannstrasse 27- 31  
D- 45136 Essen  
Postfach 22 01 08  
D- 45066 Essen

**phone / fax / e-mail**

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**2. Composition: Information on Constituents**

**GHS CLASSIFICATIONS**

**Health:**

Carcinogenicity, Category 1B  
Target Organ Toxicity (Repeated exposure), Category 2  
Skin Irritation, Category 2  
Eye Irritation, Category 2B  
Reproductive Toxicity, Category 2

**GHS LABEL**



Exclamation mark



Health hazard

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H315: Causes skin irritation.  
H320: Causes eye irritation.  
H333: May be harmful if inhaled.  
H335: May cause respiratory irritation.  
H360: May damage fertility or the unborn child [state specific effect if known] [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard].  
8576ZUY1: May cause cancer.  
8492XP4O: May cause damage to Lungs or Kidneys through prolonged or repeated exposure.

**PRECAUTIONARY STATEMENTS**

**Prevention:**

7783GYJS: Obtain special instructions before use  
P202: Do not handle until all safety precautions have been read and understood.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P264: Wash ... thoroughly after handling.

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**Response:**

P308+P313: IF exposed or concerned: Get medical advice/attention.  
P314: Get medical advice/attention if you feel unwell.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P322: Specific measures (see ... on this label).  
P362: Take off contaminated clothing and wash before reuse.

**Storage:**

P405: Store locked up.

**Disposal:**

58525E4V: Dispose of contents/container to in accordance with local/national regulations

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes eye irritation.

**SKIN:** Itching or burning will occur with repeated or prolonged contact. May exacerbate existing skin conditions.

**INHALATION:** Dust or vapor irritating to eyes and respiratory tract.

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**3. Potential Hazards**

**Composition/information on ingredients**

**Chemical characterization: Mixtures**

**Description:** Mixture of aluminium silicates and water glass.

**Dangerous components:**

CAS:	1344-09-8	Sodium silicate: 20 - 30%
EINECS:	215-687-4	
Re.nr.	01-2119448725-31-XXXX	Skin Irrit. 2, H315; Eye Irrit. 2, H319

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**4. First-aid Precautions**

- |                                 |   |
|---------------------------------|---|
| 4.1 after skin contact          | Wash the affected areas of skin with water and mild soap.<br>Do not use any other cleansing agents. |
| 4.2 after contact with the eyes | Rinse the eyes with water.  |
| 4.3 after swallowing            | Administer water only, do not induce any vomiting, <u>call a doctor immediately</u> .               |

Constant contact should be avoided as this can lead to persistent irritation. The normal precautions for handling chemicals are adequate.

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**5. Fire-fighting Precautions**

non flammable.

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**6. Action on accidental Release into the Atmosphere**

not applicable.



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### **11. Toxicological Data**

no data.

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### **12. Ecological Data**

Alkaline solutions may not be allowed to enter groundwater. Material which has been spilt or become unusable through superimposition must therefore be allowed to harden. The hardened material has a porcelaine-like character and can be disposed of in accordance with the usual statutory regulations.

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### **13. Instructions for Disposal**

Allow liquid material to harden. This can then be disposed of in accordance with the local regulations.

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### **14. Shipping Data**

Class 8 para. 42 b  
Marginal number 2801 A  
Special regulation as maximum 1 litre contents per package and up to 4 litres per despatched item in order to avoid liability for labelling for shipment by road.

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### **15. Regulations**

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### **16. Miscellaneous Data**

Prolonged use at temperatures of approximately 1000°C can cause crystalline silicon oxide to form. Under these conditions it is recommended that the local regulations pertaining to silicon oxide dust should be complied with.

The data contained in this safety data sheet are based on the present state of knowledge and experience. The safety data sheet describes products from the viewpoint of safety requirements. The data have no significance as assurances regarding their properties.

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