

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



Trade name: Techno-Adhesive HT1100
Created on: 11.05.2009
Issue date: 01.06.2015
Version: V2.2
Replaces former version: V2.1
Revision datet: 22.08.2018
File name: Techno-KleberHT1100_en_SDB

1. Designation of Material/Preparation/ and Company

Trade-name : Techno-Adhesive HT1100

REACH registration number: none

Product Information: High temperature inorganic adhesive

Manufacturer/Supplier :

Techno-Physik Engineering GmbH

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D- 45066 Essen

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2. Composition: Information on Constituents

2 Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P262 Do not get in eyes, on skin, or on clothing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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3. Potential Hazards

Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of aluminium silicates and alkaline silicate.

Dangerous components:

CAS: 1344-09-8 Alcaline silicate: 20 - 30%
EINECS: 215-687-4 Xi R36/38
Re.nr. 01-2119448725-31-XXXX Skin Irrit. 2, H315; Eye Irrit. 2, H319

Application: For dry interior construction for bonding of THERMAX fire production and isolation boards in all areas.

4. First-aid Precautions

Description of first aid measures

After skin contact Rinse with warm water.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing

Rinse out mouth and then slowly drink a glass of water. Call a doctor immediately.

Information for 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 Precautions

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.

6. Action on accidental Release into the Atmosphere

not applicable.

7. Handling and Storage

Handling

Precautions for safe handling No special measures required.

Information about protection against explosions and fires:

The product is not flammable

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

Do not use light alloy containers.

Suitable material for containers and conduit: steel or stainless steel.

Information about storage in one common storage facility:

Do not store together with acids.

Further information about storage conditions: Protect from frost.

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

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8. Exposure Control and personal protective Clothing and Equipment

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

Control parameters

Components with critical 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.

Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Avoid close or long term contact with the skin.

Breathing equipment: Not required.

Protection of hands: Protective gloves of nitrile or butyl rubber.

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: Safety glasses

9. Physical and chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Pasty

Colour: Yellowish

Smell: Nearly odourless

pH-value at 20 °C: 11 - 12

Change in condition

Melting point/Melting range: Not applicable

Boiling point/Boiling range: > 100 °C ((water))

Flash point: None

Ignition temperature: Void

Danger of explosion: Product is not explosive

Vapour pressure at 20 °C: 23 mbar ((water))

Density : Not determined

Solubility in / Miscibility with Water: Partly soluble

Viscosity: dynamic at 20 °C: 66 - 74 Pas

Other information No further relevant information available.

10. Stability and Reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided: None (water is vaporizing)

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 Data

Information on toxicological effects

Acute toxicity:

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Primary irritant effect:
on the skin: Irritant for skin and mucous membranes.
on the eye: Strong irritant with the danger of severe eye injury.
Sensitization: No sensitizing effect known.

12. Ecological Data

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability

No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Do not allow product to reach ground water, lakes, rivers or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13. Instructions for Disposal

Waste treatment methods

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal considerations Chemical/physical preliminary treatment.

European waste catalogue

The classification in the european waste catalogue must be done for the branch and for the process type.

Uncleaned packagings:

Recommendation:

Disposal must be done according to official regulations.

Empty contaminated containers thoroughly. They can be recycled after thorough and proper cleaning.

14. Shipping Data

UN-Number

ADR, IMDG, IATA Void

UN proper shipping name

ADR, IMDG, IATA Void

Transport hazard class(es)

ADR, IMDG, IATA Void

Class

ADR, IMDG, IATA Void

Packing group

ADR, IMDG, IATA Void

Environmental hazards: Not applicable.

Special precautions for user Not applicable.

Transport in bulk according to

Annex II of MARPOL73/78 and the

IBC Code Not applicable.

Transport/Additional information: Not dangerous according to the above specifications.

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15. Regulations

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

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

* Data compared to the previous version altered.

Relevant phrases

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Department issuing data specification sheet: Product Safety Department
