

Issued: 01.06.2015

Revision: V2.2

Revision date: 10.04.2018

Trade name: **THERMAX Brandschutzkleber**

01. Identification of the substance/ mixture and of the company/ undertaking

- 01.1.Product identifier:** **THERMAX** Fire Protection Glue
(Article number: 5003/ 5004/ 5046/ 5071)
- 01.2.Relevant identified uses of the product and uses advised against:** SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites
- 01.3.Details of the supplier of the safety data sheet:**
- Manufacture/ Supplier:** Mineralka d.o.o. Niederlassung Austria
Nordlandstraße 1, A-3300 Amstetten
Austria
- Contact for technical information:** Application engineering
phone: +43-7472-68566-0 or +49-201-87991-30
fax: +43-7472-68566-20 or +49-201-87991-95
E-Mail: info@thermax.at or info@miprotec.de
- 01.4.Emergency telephone number:** European emergency telephone number: 112
Emergency information service: --
Emergency telephone number of the manufacturer:
+43-7472-68566-0 or +49-201-87991-30
Availability outside business hours: No.

02. Hazards identification

02.1.Classification of the substance or mixture:

Classification according to Regulation (EC) 1272/2008:



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

02.2.Label elements:

Labelling according to Regulation (EC) 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+ IF ON SKIN (or hair): Remove/ Take off immediately all

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P353 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.

02.3. Other hazards: Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

03. Composition/ information on ingredients

03.2. Mixtures:

Chemical characterisation/ Description: Mixture of aluminium silicates and water glass.
Dangerous components: CAS: 1344-09-8 Sodium silicate 20-30 %
EINECS: 215-687-4 Xi R36/38
Reg.nr. 01-2119448725-31-XXXX
Skin Irrit. 2, H315; Eye Irrit. 2, H319.
Application: Auxiliary product for foundry industry.

04. First aid measures

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

04.2. Most important symptoms and effects, both acute and delayed: No further relevant information available.

04.3. Indication of any immediate medical attention and special treatment needed: No further relevant information available.

05. Firefighting measures

05.1. Extinguishing media: Use fire fighting measures that suit the environment.
05.2. Special hazards arising from the product: No further relevant information available.
05.3. Advice for firefighters: None.

06. Accidental release measures

06.1. Personal precautions, protective equipment and emergency procedures: Not required.
06.2. Environmental precautions: Do not allow product to reach sewage system or water bodies.
06.3. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
06.4. 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 information on disposal.

07. Handling and storage

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07.1. Precautions for safe handling:

No special measures required.

Information about protection against explosions and fires:

The product is not flammable.
No special measures required.

07.2. Conditions for safe storage, including any incompatibilities:

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.

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

08. Exposure controls/ personal protection

08.1. Control parameters:

Occupational exposure limit values:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

08.2. Exposure controls:

Appropriate engineering controls:

No further data; see Section 7.

Individual protection measures, such as personal protective equipment:

General protective and hygienic measures:

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

Eye/ face protection:

Safety glasses.

Skin protection:

Avoid close or long term contact with the skin.

Hand protection:

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.

Body protection:

Not required.

Respiratory protection:

Not required.

09. Physical and chemical properties

09.1. Information on basic physical and chemical properties:

Appearance:

Form: Pasty.
Colour: Yellowish.

Odour/ Odour threshold:

Nearly odourless.

pH-value at 20°C:

11-12

Melting point/ Melting range:

Not applicable.

Boiling point/ Boiling range:

>100°C (water)

Flash point:

None.

Ignition temperature:

Void.

Explosive properties:

Product is not explosive.

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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

09.2. Other information: No further relevant information available.

10. Stability and reactivity

10.1. Reactivity: None.
10.2. Chemical stability: No thermal decomposition (water is vaporizing).
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.

11. Toxicological information

11.1. Information on toxicological effects:

Acute toxicity: None.
Skin corrosion/ irritation: Irritant for skin and mucous membranes.
Eye damage/ irritation: Strong irritant with danger of severe eye injury.
Respiratory or skin sensitisation: No sensitizing effect known.
Aspiration hazard: No aspiration hazard.

12. Ecological information

12.1. 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: Do not allow product to reach ground water, lakes, rivers 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.

13. Disposal considerations

13.1. Waste treatment methods:

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

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Recommendations about disposal of uncleaned packaging:

Disposal must be done according to official regulations.
Empty contaminated containers thoroughly. They can be recycled after thorough and proper cleaning.

14. Transport information

14.1.UN number: ADR, IMDG, IATA Void.

14.2.UN proper shipping name: ADR, IMDG, IATA Void.

14.3.Transport hazard class(es): ADR, IMDG, IATA Void.

14.4.Packing group: ADR, IMDG, IATA Void.

14.5.Environmental hazards: Not applicable.

14.6.Special precautions for user: Not applicable.

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

Not applicable.

Transport/ Additional information:

Not dangerous according to the above specifications.

15. Regulatory information

15.1.Safety, health and environmental regulations/ legislations specific for the substance or mixture:

EU regulations: No further relevant information available.

National regulations:

Germany:

Water hazard class:

WGK1(self-assessment according to VwVwS from 17.05.99): slightly hazardous for water

15.2.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.

Changes to the previous version:

Adoption to new requirements.

List of relevant hazard statements and/ or precautionary statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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): Remove/ 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.

R36/38 Irritating to eyes and skin.

End of safety data sheet