

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

Rendered: 3.2013

Version: 1.0 / EN

Revision date: ---

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier:

Substance name:

WH 1500 Feuerfestkitt Part B

Other means of identification

Refractory cement, liquid

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

Relevant identified uses:

Refractory cement

1.3 Details of the supplier of the safety data sheet:

Supplier
Co. KG

W. Haldenwanger Technische Keramik GmbH &

Street
Postal code

Morgan Technical Ceramics
Teplitzer Str. 27
D-84478 Waldkraiburg

Information contact

Telephone

+49 (0) 8638 6004-214
(Mo trough Fr. 7:30 till 12:20 hrs)

E-Mail (competent person)

sds@Haldenwanger.de

Emergency Telephone No

+49 (0) 8638 6004-0
(Mo trough Fr. 7:30 till 12:20 hrs)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Mixture is not classified, contains less than 10% classified substances

2.1.2. Classification according to 67/548/EEC or 1999/45/EC

Mixture is not classified, contains less than 10% classified substances

2.3 Other hazards

Mixture is not classified in PBT or vPvB

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Bekannter Versender
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S.W.I.F.T-BIC: COBADEFF712


Rechtsform:
GmbH
Sitz: Waldkraiburg
Registriergericht:
AG Traunstein HRB 23679


Steuerliche Angaben:
Ust-ID-Nr.: DE 136655266

Geschäftsführer:
Joachim Mayer
Keith Dodd

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical name	CAS-Nr.	EG-Nr.	Registration-Nr. Index-Nr.	Classification Regulation (EC) 1272/2008	Content
Sodium salt of Silic acid	1344-09-8	215-687-4	---	 Warning H 315/319	<10%
Sodium silicate	1344-09-8	215-687-4	---	Not classified	>30%
Water	7732-18-5	231-791-2	---	Not classified	>60%

Chemical name	CAS-Nr.	EG-Nr.	Registration-Nr. Index-Nr.	Classification Directive (EC) 67/548/EEC or 1999/45/EC	Content
Sodium salt of Silic acid	1344-09-8	215-687-4	---	 Irritant R36/38	<10%
Sodium silicate	1344-09-8	215-687-4	---	Not classified	>30%
Water	7732-18-5	231-791-2	---	Not classified	>60%

Additional information:

Full text of R-, H- and EUH-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

- 4.1.1 Following inhalation: Unlikely exposition path
- 4.1.2 Following skin contact: Remove cloths, wash with soap and water
- 4.1.3 Following eye contact: Immediately flush with plenty of water, remove contact lenses, seek medical advice immediately
- 4.1.4 Following ingestion: Flush mouth with water (do not swallow), drink subsequently water.
Do not induce vomiting, seek medical advice immediately

4.2 Most important symptoms and effects, both acute and delayed:

Slippery skin
Aches and pains of eyes and skin
Pains in alimentary duct

4.3 Indication of any immediate medical attention and special treatment needed:

No information available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media: No restrictions

5.2 Special hazards arising from the substance or mixture None

5.3 Advice for fire-fighters

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Collect contaminated fire extinguishing water separately. This must not be discharged into waters or drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 Avoid contact with skin and eyes
Danger of slipping on spilled product

6.2 Environmental precautions: Keep out of soil, waters, and drains

6.3 Methods and material for containment and cleaning up:
Absorb spilled product with sand, saw dust,
etc.

Transfer to tightly closed container,
disposal: see paragraph 13
Wash remains with plenty of water (diluting

effect)

6.4 Reference to other sections Precautions, see chapter 7 and 8

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures:
Advice on general occupational hygiene Do not eat, drink nor smoke in working area.
Wash hands with soap after working.
Remove contaminated clothes and protective equipment before entering living quarters.

General precautions when working with chemicals: Handle and open container with care. Do not leave container standing open.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store in a dry, frost free place.
Keep container tightly closed and away from
acids.

C. Recommended storage temperature 15 - 60
Storage class 12, incombustible liquid.

7.3 Specific end uses: Refractory cement

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits:
Product does not contain substances with occupational exposure limits.

8.2 Personal protective equipment:

Eye protection:	Safety glasses with side shields
Hand protection: latex/rubber	Safety gloves: natural latex/rubber, nitril (clean gloves before removal)
Skin protection:	Wash hands with soap at breaks and work end Handling large quantities: Safety clothes (rubber apron, lab coat)
Respiratory protection:	Not relevant

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.1.1 Appearance			
Physical state:	liquid	Colour:	Colourless
		Odour:	none
9.1.2 Safety relevant basic data			
pH at 20 °C		11.1	
Density (g/cm ³) at 20°C		1.36	EN993-1
Viscosity (mPas) at 20 °C		104	
9.2 Physical hazards:		none, incombustible	

10. STABILITY AND REACTIVITY

10.1 Reactivity	No chemical reactions will occur during proper storage and handling
10.2 Chemical stability	
10.3 Possibility of hazardous reactions	
10.4 Conditions to avoid:	Avoid contact to acids
10.5 Incompatible materials:	
10.6 Hazardous decomposition products	Not relevant

11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution

Sodium silicate	LD50	(oral, rat)	>2000 mg/kg
		(dermal, rat)	>5000 mg/kg

Strongly irritant to eyes and alimentary duct. Danger of severe eye damage at delayed treatment.

12. Ecological information

12.1 Toxicity	ED	(algae)	>100 mg/kg
		(daphnia)	>100 mg/kg
	LC 50	(fish)	>100 mg/kg

12.2	Persistence and degradability	
12.3	Bioaccumulative potential	No data available
12.4	Mobility in soil	
12.5	Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB Substances
12.6	Other adverse effects:	Keep out of soil, waters and drains
12.7	Additional information:	None

13. DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Respect local regulation
	Waste codes / waste designations according to EWC / AVV:	06 02 05 other bases
13.2	Additional Information	
	Small quantities: diluted	Neutralize under stirring to pH 6.5 to 9 with hydrochloric acid. Caution, may develop heat! Disposal into drains, flush with plenty of water.

14. TRANSPORT INFORMATION

14.1	Land transport (ADR/RID/GGVSE):	
14.2	Sea transport (IMDG-Code/GGVSee):	
14.3	Air transport (ICAO-IATA/DGR):	
14.4	Special precautions for user:	Not classified as dangerous for carriage
14.4	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	
14.5	Additional Information	

15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations: Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): Information according to Regulation (EC) No 1272/2008 [CLP/GHS]	Not classified Not classified
15.2	Chemical Safety Assessment:	Not carried out

16. OTHER INFORMATION

16.1	Indication of changes	
	This MSDS was completely reviewed according to Regulation (EC) No 1907/2006	

16.2 Key literature references and sources for data

MSDS of raw materials

16.3 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

Not classified

16.4 Relevant H- and EUH-phrases (number and full text):

H 315	Causes skin irritation
H 319	Causes severe eye irritation
R36/38	Irritating to eyes and skin