Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 8 Revision: 10/05/2026

1 Identification

· Product identifier

· Trade name: OkaSilicon Neu

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier: Kiesel Bauchemie GmbH & Co. KG
Wolf-Hirth-Str. 2
D-73730 Esslingen
Germany
E-Mail:
info.canada@cemex.com
info.usa@cemex.com

· Information department: Laboratory, departments of enviromental protection and labor protection

· Emergency telephone number: ChemTel Expert Assiatance Hotline 800-255-2824

2 Hazard identification

· Classification of the substance or mixture The product is not classified, according to the Globally Harmonized System (GHS).

· Label elements

· GHS label elements Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

· Additional information: Contains the biocidal active ingredient "2-octyl-2H-isothiazol-3-one" to protect against mould infestation.
Ensure good ventilation during application and curing.
Contains the biocidal active ingredient "2-octyl-2H-isothiazol-3-one" to protect against mold infestation.
Keep out of the reach of children.
Avoid contact with the skin

· Information pertaining to particular dangers for man and environment:

· Classification system:

· NFPA ratings (scale 0 - 4)

Health = 0
Fire = 0
Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = *0
Fire = 0
Reactivity = 0

· Other hazards Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released during curing.

3 Composition/Information on ingredients

· Composition/Information on ingredients .

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

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· Dangerous components:

CAS: 1317-65-3	Calciumcarbonat Acute Toxicity (Inhalation) - Category 4, H332	80-100% w/w *
CAS: 4253-34-3	Methyltriacetoxysilan Acute Toxicity (Oral) - Category 4, H302	1-5% w/w *
CAS: 17689-77-9	Ethyltriacetoxysilan Skin Corrosion - Category 1B, H314; Eye damage/ irritation – Category 1, H318 Acute Toxicity (Oral) - Category 4, H302	1-5% w/w *

* Actual concentration ranges are withheld as a trade secret.

· Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

· Description of first aid measures

· General information: No special measures required.
If you feel unwell, seek medical advice.

· After inhalation: Take the person out into the fresh air
Seek medical treatment in case of complaints.

· After skin contact: If skin irritation continues, consult a doctor.

· After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing: rinse out mouth

· 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 measures

· Extinguishing media

· Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.
Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: Water with full jet

· Special hazards arising from the substance or mixture: During heating or in case of fire poisonous gases are produced.
No further relevant information available.

· Advice for firefighters

· Protective equipment: Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.

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6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures: Wear protective clothing.
· Environmental precautions: No special measures required.
· Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· 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 disposal information.

7 Handling and storage

· Precautions for safe handling: No special measures required.
· Information about protection against explosions and fires: Do not spray on a naked flame or any incandescent material.

· 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: Keep away from food, drink and animal feed.
· Specific end use(s): No further relevant information available.

8 Exposure controls/ Personal protection

Keine besonderen Maßnahmen erforderlich.

· Control parameters
· Components with limit values that require monitoring at the workplace: Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released during curing.
released during curing

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls
· Appropriate engineering controls: No further data; see section 7.
· Personal protective equipment:
· General protective and hygienic measures: Nur in gut gelüfteten Bereichen verwenden.
Beim Umgang mit Chemikalien übliche Bedingungen einhalten.
· Breathing equipment: Not necessary if room is well-ventilated.
Normally no personal respiratory protection required.

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· Protection of hands:	Not required The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves	Recommended hand protection brands DIN EN 374
· Penetration time of glove material	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· Eye protection:	Not required

*

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Physical state	Liquid
· Color:	Different according to coloring
· Odor:	Pungent
· Odor threshold:	Not determined
· Melting point/Melting range:	~850 °C
· Boiling point/Boiling range:	Undetermined
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	Not applicable
· Decomposition temperature:	Not determined
· pH-value:	Mixture is non-soluble (in water).
· Viscosity:	
· Kinematic at 20 °C:	0 s (DIN 53211/4)
· Dynamic:	Not determined
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure:	Not determined
· Vapor pressure:	
· Density at 20 °C:	1-1.05 g/cm³
· Relative density	Not determined
· Bulk density:	1,000-1,600 kg/m³
· Vapor density	Not determined
· Particle characteristics	Not applicable

· Other information	The physical data are average values.
· Appearance:	
· Form:	Paste
· AUTO IGNITION:	Not self igniting
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· VOC-Content	0.00 % 0.0 g/l / 0.00 lb/gal

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(Contd. of page 4)

· Solids content:	<97.5 %
· Volatile Organic Compounds	0.0 g/l 0.00 %
· Change in condition	
· Evaporation rate	Not determined

10 Stability and reactivity

· Reactivity	No further relevant information available.
· Chemical stability	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
· Possibility of hazardous reactions	No dangerous reactions known.
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	alkali und oxidants
· Hazardous decomposition products:	Formation of toxic gases possible when heated or in the event of fire. Measurements on comparable products have shown that at temperatures above approx. 150°C a small amount of formaldehyde is released through oxidative degradation.

11 Toxicological information

· Information on toxicological effects
· Acute toxicity:

· LD/LC50 values that are relevant for classification:		
CAS: 1317-65-3 Calciumcarbonat		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
Inhalative	LC50/4 h	>3 mg/l (Rat)
CAS: 4253-34-3 Methyltriacetoxysilan		
Oral	LD50	1,600 mg/kg (Rat) (OECD Richtlinie 401)
CAS: 17689-77-9 Ethyltriacetoxysilan		
Oral	LD50	1,460 mg/kg (Rat)

· Primary irritant effect:

· on the skin:	non-irritant Source: Analogical conclusion Test according to OECD Guideline 404 (rabbit) Based on available data, the classification criteria are not met.
· on the eye:	non-irritant Source: Analogical conclusion Test according to OECD Guideline 404 (rabbit) Based on available data, the classification criteria are not met.
· Sensitization:	No sensitizing effects known.

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· Additional toxicological information: Product releases a small amount of acetic acid (CAS No. 64-19-7) under the influence of moisture. This irritates the skin and mucous membranes.
26530-20-1 2-Octyl-2H-isothiazol-3-on
Oral Acute toxicity estimate (ATE mix) 125 mg/kg (rat)
Dermal Acute toxicity estimate (ATE mix) 311 mg/kg (rat)
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

· Toxicity

· Aquatic toxicity:

CAS: 4253-34-3 Methyltriacetoxysilan	
LC 50 (96h)	>500 mg/l (Brachydanio Rerio)
EC50 (48h)	>500 mg/l (Dap)
EC50 (72h)	>500 mg/l (Pseudokirchneriella subcapitata)
CAS: 17689-77-9 Ethyltriacetoxysilan	
LC 50 (96h)	250 mg/l (Brachydanio Rerio)
EC50 (48h)	62 mg/l ((Wasserfloh (Daphnia magna)))
EC50 (72h)	73 mg/l (Alge Scenedesmus sp)

· Persistence and degradability No further relevant information available.
· Bioaccumulative potential No further relevant information available.
· Mobility in soil No further relevant information available.
· Results of PBT and vPvB assessment
· PBT: Not applicable
· vPvB: Not applicable
· Other adverse effects
· Additional ecological information:

· General notes: Water hazard class 1 (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.

13 Disposal considerations

· Waste treatment methods
· Recommendation: Disposal in accordance with official regulations

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· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number · DOT/TDG, ADR, IMDG, IATA	Void
· UN proper shipping name · DOT/TDG, ADR, IMDG, IATA	Void
· Transport hazard class(es) · DOT/TDG, ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· 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.
· Special precautions for user	Not applicable
· UN "Model Regulation":	Void

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· Sara

· Section 355 (extremely hazardous substances):
None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):
All components have the value ACTIVE.

· MAK (German Maximum Workplace Concentration)
None of the ingredients is listed.

· Per- and polyfluoroalkyl substances (PFAS)
None of the ingredients is listed.

· GHS label elements	Void
· Hazard pictograms	Void
· Signal word	Void
· Hazard statements	Void

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· National regulations:
· Information about limitation of use: Employment restrictions concerning young persons must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Chapters which have been revised from the previous issue are marked "*".
Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.
To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's harzards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use, or reliance in this information, nor do we guarantee its accuracy or completeness.

· Relevant phrases
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
· Date of previous version 02/09/2026
· Version number of previous version: 7
· Date of preparation 10/05/2026
· Abbreviations and acronyms:
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
· * Data compared to the previous version altered.