

MINIERAL

Reviewed on 2025-03-13

1 Identification	
Product identifier	
Trade name: SILLITIN V 85 SILLITIN V 88 SILLITIN N 75 SILLITIN N 85 / SILLITIN N 85 puriss SILLITIN N 87 SILLITIN Z 86 / SILLITIN Z 86 puriss SILLITIN Z 89 / SILLITIN Z 89 puriss SILLITIN P 87 / SILLITIN P 87 puriss CAS Number: see information in section 3 Application of the substance / the mixture As functional fillers for elastomers, plastics, paints and var welding electrodes, as well as in the construction and cher	
Details of the supplier of the safety data sheet Manufacturer/Supplier: HOFFMANN MINERAL GmbH Münchener Straße 75 D - 86633 Neuburg (Donau) Phone: +49 (0) 8431 53-0 Fax: +49 (0) 8431 53-3 30 www.hoffmann-mineral.com info@hoffmann-mineral.com	
Information department: Distributor: AZELIS CANADA INC. 235 ADVANCE BLVD UNIT 1, BRAMPTON, ON L6T 4J2, CANADA PHONE: +1 905 4537131 E-mail competent person: info@hoffmann-mineral.com	
<i>Emergency telephone number:</i> For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls	accepted)

2 Hazard identification

Classification of the substance or mixture

Due to a cryptocrystalline silica alveolar dust content of < 0.1% by weight (DIN EN 15051-B), classification in accordance with WHMIS 2015 is not required.

The substance is not classified, according to the Globally Harmonized System (GHS).

Information concerning particular hazards for human and environment:

Due to the potential for generation of airborne respirable cryptocrystalline silica (cryp. CS), lung fibrosis cannot be ruled out. Prolonged inhalation of large amounts of cryp. CS A-dust (> 0.10 mg/m³) may lead to silicosis.

Label elements GHS label elements Void Hazard pictograms Void Signal word Void Hazard statements Void Classification system: Workplace Hazardous Materials Information System (WHMIS 2015)

3 Composition/Information on ingredients

Chemical characterization: Substances

Neuburg Siliceous Earth, also known by the trade names SILLITIN and SILLIKOLLOID, is an inorganic compound originating in nature and made up of amorphous and cryptocrystalline silica and lamellar kaolinite. (Contd. on page 2)

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CAS No. Description

Neuburg Siliceous Earth is defined under the following CAS number(s): Identification number(s) Canadian DSL 7631-86-9 Silica 1332-58-7 Kaolin

4 First-aid measures

Description of first aid measures

General information: In any cases of doubt or if symptoms are present, seek medical advice. Inhalation: Supply fresh air. Remove victim from contaminated area. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Call a doctor. Skin contact: Wash with water and soap. Do not use solvents or thinners. If skin irritation continues, consult a doctor. Eve contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Ingestion: Rinse out mouth and then drink plenty of water. Do not induce vomiting Never give anything by mouth to an unconscious person. If symptoms persist consult 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 Symptomatic treatment

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or 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

Non-combustible. No hazardous thermal decomposition.

Advice for firefighters

Protective equipment:

Do not enter the hazardous area without a self-contained breathing apparatus. See Section 8 for information on personal protection equipment.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Avoid formation of dust.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions: Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

Avoid formation of dust. Use a tested and approved industrial vacuum cleaner for collecting dust.

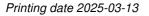
Send for recovery or disposal in suitable receptacles. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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	and storage

Handling:

Precautions for safe handling

Prevent formation of dust.

Provide suction extractors if dust is formed.

Carry out filling operations only at sites with extractors available.

Any deposit of dust which cannot be avoided must be regularly removed.

Information about protection against explosions and fires:

Observe the general rules of industrial fire protection.

Conditions for safe storage, including any incompatibilities Storage:

Requirements to be met by storerooms and receptacles:

Store receptacles tightly closed at a cool and dry place with sufficient ventilation Store in original container wherever possible.

Information about storage in one common storage facility: Observe local/state/federal regulations. Further information about storage conditions: Store in dry conditions. Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

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

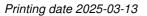
Control parameters

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ng-term value: ≤ 0.10 mg/m³ ecommendation HOFFMANN MINERAL 32-58-7 Kaolin ng-term value: 2 mg/m³ ng-term value: 2(D) mg/m³ spirable nal information: The lists that were valid during the creation were used as basis. re controls I protective equipment: protective equipment: clean contaminated clothing. Do not blow or brush off contamination. unds before breaks and at the end of work. whale dust / smoke / mist.
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<i>I protective equipment:</i> <i>protective and hygienic measures:</i> clean contaminated clothing. Do not blow or brush off contamination. ands before breaks and at the end of work. hale dust / smoke / mist.
at or drink while working. tely remove soiled, soaked clothing and use again only after washing. ag equipment: able respiratory protective device in case of insufficient ventilation. exceeds the concentration of 0.10 mg/m ³ cryp. CS, wear an appropriate fine-dust filter mask N95 Approved). on of hands: No chemical-protective gloves required. tection: Safety glasses with side shields otection: Not required.
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Information on basic physical and chemical properties General Information Appearance: Form: Powder Color: White to beige Odor: Odorless

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pH-value at 20°C (68°F) (400 g/l) at 20 °C	C: 5 - 9
Change in condition	
Melting point/Melting range: Boiling point/Boiling range:	Not applicable Not applicable
0, 00	
Flash point:	Not applicable.
Flammability (solid, gaseous):	Product is not flammable.
Auto igniting:	Not applicable.
Decomposition temperature:	Not determined.
Ignition temperature:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapor pressure:	Not applicable
Density at 20°C (68 °F):	2.6 g/cm ³
Relative density	Not determined.
Vapor density	Not applicable
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	practically insoluble.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable
Other information	No further relevant information available.

10 Stability and reactivity

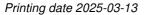
Reactivity No further relevant information available. Chemical stability Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. Possibility of hazardous reactions No dangerous reactions known. Conditions to avoid No further relevant information available. Incompatible materials: No further relevant information available. Hazardous decomposition products: No hazardous decomposition products if instructions for storage and handling are followed

11 Toxicological information

Information on toxicological effects Acute toxicity: LD/LC50 values that are relevant for classification: No toxicity data are available for the product itself. Primary irritant effect: on the skin: No irritating effect. on the eye: No irritating effect. on respiratory tract: No data available Sensitization: No sensitizing effects known. Additional toxicological information: Carcinogenic categories Keimzell-Mutagenität: Based on availabele data, the classification criteria are not met. (Contd. on page 5)

Safety Data Sheet





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	Germ cell mutagenicity Based on available data, the classification criteria are not met.	
	Carcinogenicity Based on available data, the classification criteria are not met.	
	Reproductive toxicity Based on available data, the classification criteria are not met.	
	STOT-single exposure Based on available data, the classification criteria are not met.	
-	STOT-repeated exposure Based on available data, the classification criteria are not met. Prolonged inhalation of large amounts of alveolar dust (> 0.10 mg/m ³) may lead to silicosis.	
	Aspiration hazard Based on available data, the classification criteria are not met.	

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Not hazardous for water. Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

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
Special precautions for user	Not applicable.
Transport/Additional information:	Not dangerous according to the above regulations.
UN "Model Regulation":	Void

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

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Canadian substance listings:

Canadian Domestic Substances List (DSL)

CAS: 7631-86-9 Silica

CAS: 1332-58-7 Kaolin

Canadian Ingredient Disclosure list (limit 0.1%) Substance is not listed.

Canadian Ingredient Disclosure list (limit 1%)

CAS: 7631-86-9 Silica

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact:

Date of the latest revision of the safety data sheet 2025-03-13 / 4.00

Abbreviations and acronyms:

NOEL = No Observed Effect Level NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration

Iog POW = Octanol / water partition coefficient GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent IOELV = indicative occupational exposure limit values

Sources

Information provided by the manufacturer

"Regulation (EC) Nr. 1907/2006 (REACH), 1272/2008 (CLP), 648/2004 (Detergents) in the respective valid version.National occupation exposure limits for each country in the respective valid version.Transportation regulations according to ADR, RID, IMDG, IATA in the respective valid version."

* Data compared to the previous version altered.

Changes have been made to sections marked wit a *, as compared to the previous version.