



## SILFIT Z 91

Manufacturer	HOFFMANN MINERAL GmbH Muenchener Strasse 75 86633 Neuburg a. d. Donau, Germany Phone +49 8431 53-0 www.hoffmann-mineral.com
Trade Name	SILFIT Z 91
Product Identifier	Neuburg Siliceous Earth, calcined
CAS No.:	1214268-39-9
EG-No.:	310-127-6

### 1. Mineralogical Composition

Based on X-ray diffraction pattern analysis combined with Rietveld.

Characteristics	CAS-No.	Concentration
Cryptocrystalline Silica (alveolar dust quantity: <0,1% by weight)	7631-86-9	55 - 65 %
Calcined Kaolin	92704-41-1	25 - 35 %
Amorphous Silica	7631-86-9	5 - 10 %

### 2. International Regulations

Our product complies with:

- Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU (RoHS 3) (latest version)
- ELV Directive 2000/53/EC (latest version)
- WEEE Directive 2012/19/EC (latest version)

Our product is not subject to:

- Biocidal Products Regulation (EU) No 528/2012 (latest version)
- Dual-Use Regulation (EU) 2021/821 (latest version)
- Explosives Precursors Regulation (EU) 2019/1148 (latest version)
- Ozone Regulation (EC) No 1005/2009 (latest version)
- PIC Regulation (EU) No 649/2012 (latest version)
- Regulation (EU) 2023/1115 on deforestation-free products (latest version)



### 3. International Registration Status

Our product is listed in or exempt from the following substance lists/inventories:

- DSL (Canada)
- ENCS (Japan)
- IECSC (China)
- KKDIK (Turkey)
- NZIoC (New Zealand)
- PICCS (Philippines)
- REACH (European Union)
- TCSI (Taiwan)
- TSCA (USA)
- UK REACH (Great Britain)

For more information please contact our Product Safety Department at [erp@hoffmann-mineral.com](mailto:erp@hoffmann-mineral.com).

### 4 . EU REACH — Regulation (EC) No 1907/2006

#### Status of Registration

Due to its natural origin our product is covered by Article 2, Paragraph 7, Subletter b of the REACH Regulation. Therefore, it is **exempt** from the obligation to register under REACH.

#### SVHC Confirmation

Our product **does not contain** any substances included in the Candidate List of **SVHC** in its current version above 0.1% w/w (based on the latest ECHA publication).

#### Restrictions and Authorisations

Our product **does not contain** any substances listed in **Annex XIV** and **Annex XVII** in the current valid form.

### 5. CLP — Regulation (EC) No 1272/2008

Our product is not classified according to the CLP Regulation. For more details see our voluntary Safety Data Sheet (SDS).

Due to a cryptocrystalline silica alveolar dust content of < 0.1 % by weight (DIN EN 15051-3), classification in accordance with CLP Regulation is not required.

Our product does not contain titanium dioxide in concentrations above 1 % (w/w), therefore Regulation (EU) 2020/217 - 14.ATP of CLP-Regulation does not apply.

### 6. California Proposition 65

Our product may contain a chemical known to the State of California to cause cancer:

- Silica, crystalline (airborne particles of respirable size)

Nevertheless, the amount of respirable cryptocrystalline silica A-dust is <0.1% by weight (DIN EN 15051-3).



## 7. Nanomaterials, Directive 1223/2009/EC Regulation (EU) 2017/745 French Decree N°2012-232

The above-mentioned European Regulations, including the French Decree, define 'nanomaterial' as "a natural, incidental or manufactured material containing particles in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1-100 nm."

Based on this definition our product is **no nanomaterial**.

## 8. Heavy Metals

Our product does not contain **antimony, arsenic, barium, cadmium, chromium VI, cobalt, lead, mercury, selenium** or their compounds or residual elements at more than 0,01% (w/w) (mercury not more than 0,005% (w/w)) of the total ingredient.

## 9. Miscellaneous Substances

Our product does not contain and we do not add intentionally any of the following substances:

- 1,4-Dioxane
- ADI (Animal Derived Ingredients)
- Allergens or precursors of allergens according to Regulation (EC) No 1223/2009, Appendix III, and any other substances known as allergens based on the current state of knowledge
- APEOs (Formaldehyde Alkylphenoxyethoxylates)
- Asbestos or asbestiform minerals
- Bisphenols
- Conflict minerals (tungsten, tantalum, tin, gold)
- DMF (Dimethyl Fumarate, CAS 624-49-7)
- Epoxy derivatives
- Formaldehyde (CAS 50-00-0) and acetaldehyde (CAS 75-07-0)
- GMO (Genetically Modified Organism)-derived substances
- Halogenated compounds
- Hazardous air pollutants (as defined by international regulations known to us)
- Ionizing radiation-treated substances
- Isothiazolinone compounds
- MOSH (Mineral Oil Saturated Hydrocarbons) and MOAH (Mineral Oil Aromatic Hydrocarbons)
- N-nitrosamines, nitrosatable amines and aromatic amines
- Ozone Depleting Chemicals
- PAHs (Polynuclear Aromatic Hydrocarbons and Polycyclic Aromatic Hydrocarbons)
- Palm oil
- PBT and vPvB substances
- PFAS (Per- and Polyfluoroalkyl Substances)
- Phthalates
- POP substances according to regulation (EU) 2019/1021
- Silicones

Please note that this confirmation applies exclusively to the product itself. Due to the complexity of supply chains, we are unable to guarantee the same level of confirmation for packaging materials or operational supplies. We appreciate your understanding.



## 10. GADSL substances (Global Automotive Declarable Substance List)

Our product contains a GADSL-listed substance: Silicon dioxide (CAS 7631-86-9; entry 113)

## 11. VOC

Our product does not contain Volatile Organic Compounds according to 2010/75/EU.

## 12. Animal Testing

Our product is not involved in any kind of animal testing.

## 13. Food Contact

Our product could be used in food and drinking water materials in compliance with following regulations and recommendations:

- BfR Recommendations on Food Contact Materials XXI and LII (latest version)
- FDA Regulations / 21 C.F.R. (latest version)
- MERCOSUR/GMC/RES. N° 39/19 (latest version)
- Regulation (EU) 10/2011 (latest version)
- Swiss Ordinance for food contact 817.023.21 (latest version)
- Evaluation criteria for plastics and other organic materials in contact with drinking water (KTW-BWGL) (latest version)
- Regulation (EC) 1935/2004 (latest version)
- Directive (EU) 2020/2184 (latest version)

Please note that further terms and conditions must be considered to comply with specific regulations, recommendations, and applications. For further information, please contact our Product Safety Department at [erp@hoffmann-mineral.com](mailto:erp@hoffmann-mineral.com).

## 14. Toy-related Safety Requirements

Our product complies with:

- TPCH requirements of CONEG - lead, mercury, cadmium, and hexavalent chromium concentration levels do not exceed 100 parts per million by weight
- 16 CFR 1303 - lead concentration does not exceed 0.009 percent
- EN 71-3:2021-06 - cadmium, mercury, arsenic, chromium(VI) and lead concentration levels do not exceed Category III limits

## 15. Summary Confirmation

All information and statements provided in this Product Safety Information are believed to be accurate at the time of publication.

For additional information, please consult the Safety Data Sheets and Technical Information of our products.

If you have any further questions regarding Product Safety Information do not hesitate to contact our Product Safety Department at [erp@hoffmann-mineral.com](mailto:erp@hoffmann-mineral.com).

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