



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 Directive 98/8/EC (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)



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 (UK)

For more information please contact our Product Safety Department under erp@hoffmann-mineral.com.

4. EU-REACH EC 1907/2006

Status of Registration

Due to its natural origin our product is covered by Article 2, Paragraph 7, Subletter b of the REACH Directive. It is, therefore, **exempt** from the obligation to be registered.

SVHC Confirmation

Our product does not contain any SVHC according to the candidate list in the current valid form, above the threshold limit of 0.1 % w/w.

Restrictions and Authorisations

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

5. CLP EC 1272/2008

Our product is not classified, according to the CLP regulation. For more details see our voluntary safety data sheet.

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 contains chemicals known to the state of California to cause cancer or reproductive toxicity:

- Silica (crystalline, respirable), CAS 7631-86-9

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

Above mentioned European Regulations incl. French Decree defines '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 precursor of allergens according to the Regulation (EC) No 1223/2009, Appendix III and any other substances known as allergens due to the current stand of knowledge
- APEOs (Formaldehyde Alkylphenoethoxylates)
- 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)
- GADSL substances (Global Automotive Declarable Substance List), which have to be declared
- GMO (Genetically Modified Organisms) manufactured substances
- Halogenated compounds
- Hazardous air pollutants (according to the definition of international rules 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 (Polyfluoroalkyl chemicals)
- Phthalates
- POP substances according to regulation (EU) 2019/1021
- Silicones



10. VOC

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

11. Animal Testing

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

12. Food Contact

Our product could be used in Food / 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 have to be taken into consideration to comply with the specific regulations, recommendations and applications. For further information please contact our Product Safety Department under erp@hoffmann-mineral.com.

13. Toy Safety

Our product complies with:

- TPCB 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

14. Summary Confirmation

All information and statements given 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 regards to Product Safety Information do not hesitate to contact our Product Safety Department under erp@hoffmann-mineral.com.

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