



## AKTISIL VM 56/89

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**Trade Name** AKTISIL VM 56/89

**Product Identifier** Neuburg Siliceous Earth, vinyl functionalized

### 1. Product Description

AKTISIL VM 56/89 is based on Neuburg Siliceous Earth vinyl functionalized with bonding agent\*.

### 2. 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%
Kaolinite / Kaolin	1318-74-7 / 1332-58-7	20 – 30%
Amorphous Silica	7631-86-9	5 – 10%
Mica	12001-26-2	2 – 8%
Bonding agent*		

\*The exact chemical composition and concentration of the bonding agent is a part of company know-how and, therefore, confidential.



## 3. 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)

## 4. International Registration Status

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

- DSL/NDSL (Canada)
- ENCS (Japan)
- IECSC (China)
- PICCS (Philippines)
- TCSI (Taiwan)
- TSCA (USA)

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

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

### Status of Registration

Our product as a **surface-treated substance** is **exempt** from the requirement to register in accordance with REACH Questions and Answers (ID 38) published by European Chemical Agency (ECHA).

### 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.



## 6. 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.

## 7. 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).

## 8. 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**.

## 9. 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.



### 10. Miscellaneous Substances

Our product does not contain, nor do we intentionally add, 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 (Alkylphenolethoxylates)
- 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
- Hazardous air pollutants (as defined by international regulations known to us)
- Ionizing radiation-treated substances
- Izothiazolinone compounds
- 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

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.

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

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

### 12. VOC

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

### 13. Animal Testing

Our product is not animal tested.

Raw materials used in our products were tested on animals only in connection with requirements of the current Chemical Laws and not because of cosmetic questions.



## 14. Food Contact

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

- Regulation (EU) 10/2011 (latest version)
- Regulation (EU) 1935/2004 (latest version)
- Evaluation criteria for plastics and other organic materials in contact with drinking water (KfW-BWGL) (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).

## 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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