

MATERIAL SAFETY DATA SHEET

According to (EC) No 1907/2006 (REACH) and Regulation (EU) 2015/830

Solid Compound Unipol® Vonax

Date of Issue: 02.08.2016

Revised: 17.12.2015

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Trade name: UNIPOL® Vonax
Ingredients: mixture of fatty acids, paraffin, Silitin
Use: polishing paste for processing of all surfaces (laquer, plastics, metal)
Manufacturer: OSBORN International GmbH
Polishing paste factory Haan
Branch of Jason GmbH
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D-42781 Haan
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2. Hazards

2.1. Specific hazards to man and environment

The cryptocrystalline silica (Kryp.KS) can form fine dust that is inhaled, can develop a fibrogenic effect in the lungs. Long-term inhalation of high (> 0:15 mg / m³) Kryp.KS -A-dust concentrations may cause silicosis. Workplace-related exposures with respect Kryp.KS -A-dust should be measured and monitored. (-> Section 8.2.)

2.2. Classification of the substance

due to a Kryp.KS A dust content (DIN EN 15051-B) of <0.1 wt.-% is a classification according to Regulation (EC) 1272/2008 is not required. According to Directive 67/548 / EEC was no classification.

2.3. Label elements

Danger pictogram: Not applicable
Signal Word: Not applicable
Hazard statements: Not applicable
Safety information: None

2.4. Other hazards

The product is an inorganic substance of natural origin and is not subject according to Annex XIII / REACH criteria for PBT or vPvB substances.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical characterization:

UNIPOL® polishing paste is a preparation and contains
Polish 50-70% CAS 7631-86-9 and 1318-74-7
Fatty acids
Paraffin / wax

3.2. Ingredients

Chemical characterization (individual substances) Description:

An in nature originated inorganic compound of amorphous and cryptocrystalline silica and lamellar kaolinite crystalline. As unique mineralogical unit was of Neuburg Siliceous Earth as 'Siliceous Earth' specific CAS number. Assigned 1020665-14-8. The EINECS number is 310-127-6.

CAS-No. Designation according to EC directive Classification according to GHS / CLP

7631-86-9 crypto crystalline silica wt.-%

No A-dust content in the cryptocrystalline silica <0.1 No

7631-86-9 Amorphous Silica No

1318-74-7 Kaolinite No

CAS-No. designation

Hydrocarbons, C9-C12, n-alkanes, iso-AlkVerbindungen, aromatics

Identification number (s)

EC number: 919-446-0

add. Notes:

Benzene content: <0.05% by weight.

It is Annex VI, Note P - classification and labeling is not necessary as carcinogenic (R45).

4. FIRST AID MEASURES

If a doctor is visited, please show this Material Safety Data Sheet

After inhalation: Provide fresh air, possibly dust from the nose and throat area remove.

Wash skin with soap and water after skin contact.

After eye contact: not dry rub, because the cornea damage is possible by mechanical stress. If necessary, remove contact lens and rinse eyes thoroughly with plenty of water, if possible isotonic eyewash using 0.9%

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NaCl. Medical aid (ophthalmologist or occupational physicians) consult.
After ingestion: Rinse mouth and drink plenty of water consciousness, do not induce vomiting.
Consult medical aid.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: The product is not on delivery yet in verarbeitungsfertigem state combustible or explosive. Extinguishing agents and fire fighting measures must be agreed for the surrounding fire

5.2 Extinguishing Media: none

5.3 Special hazards arising from the preparation itself, combustion products, resulting gases: carbon dioxide CO₂, carbon monoxide CO

5.4 Special Protective Equipment: As a precaution, use self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear protective clothing (see point 8.2.)
When released material slipping. Cover and binding agent Absorb with sand or

6.2 Environmental precautions: Do not empty into drains, ground and surface water.

6.3 Methods for cleaning up: Take up spilled product mechanically, take-up residues using binder
Dispose of properly.

7. HANDLING AND STORAGE

Not store or use near food, beverages or tobacco products,
Handling Follow the recommendations under section 8.
Fire and explosion protection: No special measures required
Store in cool, dry place.
Best before: 24 months after production date

8. Limitation and monitoring of exposure / personal protection

8.1. Additional information about design of technical systems on exhaust ventilation at machinery and at places where dust is possible, must be respected.

8.2. Components with workplace to be monitored threshold limit values If a concentration of $\leq 0.15 \text{ mg} / \text{m}^3$ (average value), measured for the Kryp.KS A dust content can silicosis disease among employees are excluded with probability bordering on certainty. Activities in dusty atmospheres must be monitored: dust sampling in accordance with EN 481 and TRGS 402 / A-dust concentration of cryptocrystalline proportion by BIA 8522 (FTIR)

8.3. Personal protective equipment

General protective measures Wash before breaks and at end of work. Do not breathe dust. When using do not eat or drink. Remove contaminated clothing and wash before reuse.

Respiratory protection In case of dust on the concentration of $0.15 \text{ mg} / \text{m}^3$ Kryp.KS-A-dust also appropriate dust mask (FFP 2).

Hand protection Not applicable

Eye protection safety glasses with side shields

Skin protection Not applicable

Hygiene measures separation of road and workwear.

8.4. Delimitation and monitoring of the environmental exposition

No special actions required

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: solid flame temperature: 150 ° C

Color: beige Explosion limits: unknown

Odour: characteristic Density (at T = 20 ° C): ca. 1,4 g / cm³

PH (at T = 20 ° C): n.a. Solubility in water: dispersible

All other parameters physicochemical parameters of Annex II of Regulation (EC) 1907/2006 are not relevant

10. STABILITY AND REACTIVITY

10.1 Stability: There are not dangerous reactions or hazardous decomposition products observed as long as the product is stored and used properly.

10.2 Conditions to avoid: Too low storage temperatures can lead to loss of product quality

10.3 Hazardous decomposition products: There are no known hazardous decomposition products.

11. Toxicological information

11.1. Acute toxicity, oral, dermal, inhalation

Based on available data the classification criteria are not applicable.

11.2. Corrosion / irritation to the skin Based on available data the classification criteria are not

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applicable.

11.3. Serious eye damage / eye irritation Based on available data the classification criteria are not applicable.

11.4. Respiratory / Skin Based on available data the classification criteria are not applicable.

11.5. Aspiration hazard Based on available data the classification criteria are not applicable.

11.6. Reproductive toxicity Based on available data the classification criteria are not applicable.

11.7. Germ cell mutagenicity Based on available data the classification criteria are not applicable.

11.8. Karzogenität Based on available data the classification criteria are not applicable.

11.9. Specific target organ toxicity single exposure Based on available data the classification criteria are not applicable.

11.10. Specific target organ toxicity after repeated exposure

Long-term inhalation of high (> 0:15 mg / m³) Kryp.KS-A-dust concentrations may cause silicosis. Due to a Kryp.KS A dust content (DIN EN 15051-B) of <0.1 wt.-% is a classification according to Regulation (EC) 1272/2008 is not required.

12. Environment-related measures

12.1 Ecotoxicity: UNIPOL® polishing paste is an environmentally friendly product and does not contain any environmentally significant components.

12.2 Mobility: The product is non-volatile. In normal handled appropriately, no particles are released

12.3 Persistence and degradability / bioaccumulation potential /: water risk class 1 (Self-assessment)

13. DISPOSAL

Product: Discarded, with metal debris contaminated product should be disposed of in accordance with local regulations, eg Waste incineration plant. Waste Code (EAK / EWC): 12 01 15 (waste from Mechanical surface treatment.). The unused product is ensprechend to dispose of the regulations, eg Abfallverbrennungsanlage: Packaging: Contaminated packaging should be emptied of all residues. Packaging must be disposed of like the product itself

14. TRANSPORT INFORMATION

ADR / UN Number: Not dangerous according to the requirements of ADR / RID, GGVS / GGVE, ADN / ADNR, IMDG / GGVSee, ICAD / IATA.

15. REGULATORY INFORMATION

15.1 International Regulations

15.1.1 Chemical Safety Assessment: A Chemical Safety Assessment is not necessary as polishing paste is a preparation

15.1.2 Labelling: Classification and labeling according to EU Directive 1999/45 / EC

15.2 Approval and / or use restrictions: no

15.3 National regulations: Restriction of occupation: no

Water Hazard Class 1 (slight water hazard) - WGK from 17.5.1999 (ChemVerbotsV)

16. OTHER INFORMATION

16.1 Changes to the previous version: This safety data sheet was due to the changed Designed requirements of REACH new in many parts

This information is based on the present state of knowledge and experience and have been compiled in good faith and in compliance with the requisite care. The Safety Data Sheet describes the product in terms of safety requirements. The details have not legally the importance of a quality warranty