

# MATERIAL SAFETY DATA SHEET IN ACCORDANCE WITH 91/155/EEC

Polishing compound UNIPOL® VONAX

Date of Issue: 22.09.2008

Revised: 12.08.2008

## 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

Trade name: UNIPOL® VONAX  
Company identification: LIPPERT-UNIPOL GMBH  
Rudolf-Harbig-Weg 10  
42781 Haan/Germany  
Emergency phone: Tel.: +49 (0) 2129-9307-0 Fax : +49 (0) 2129-9307-23

## 2. COMPOSITION/INFORMATION OF INGREDIENTS:

The composition is a bovine free mixture of fatty acids, wax, polishing minerals.

## 3. HAZARDS IDENTIFICATION:

None

## 4. FIRST AID MEASURES:

Eye Contact: Wash with plenty of water or eyewash solution and seek medical advice.  
Skin Contact: Wash with soap and water.  
Inhalation: Remove from dusty atmosphere, go into fresh air, normally no further treatment required.  
Ingestion: Material is not toxic. However do not vomit. Seek medical advice if large quantities are involved.

## 5. FIRE-FIGHTING MEASURES:

Extinguishing media: Foam, carbon dioxide, water mist, dry powder - no restriction.  
In the event of fire the following can be released: CO, CO<sub>2</sub>, NO<sub>x</sub>.  
Use adequate aspiration devices. Do not allow contaminated water into drains / groundwater.

## 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Ensure adequate exhaust ventilation. Slippery on floor when spilled.  
Environmental precautions: Do not discharge into drains/ surface waters/ groundwater.  
Methodes for cleaning up/taking up: Take up mechanically, send in suitable containers for recovery or disposal.

## 7. HANDLING AND STORAGE

Local exhaust ventilation is strongly recommended when used for normal polishing operation. a dust mask may be adequate for smaller quantities and/or intermittent use. Also refer to 8. Exposure Controls / Personal Protection.

Store in a cool dry place (0° < t < 40°C) away from foodstuffs. Should be consumed within one year after day of production.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Exposure limits/ Refer to „7. Handling and Storage“ and „15. Regulatory information“. If dust levels are  
Respiratory protection: likely to exceed the OES, a dust mask should be worn complying with BS EN 149  
„Specification for filtering half masks to protect against partickes“.  
Eye protection: Goggles should be worn if necessary. Avoid contact with eyes.  
Personal protective equipment: Overalls and gloves may help to prevent workers becoming excessively dirty.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	solid	Colour:	cremy white
Odour:	like a candle	Vapour Pressure	n.a.
Melting Point:	n.a.	pH-value:	n.a.
Boiling Point:	n.a.	Flammability:	approx. 150 °C
Explosive Properties:	none	Oxidising Properties:	none
Relative Density:	approx. 1,5 g/cm <sup>3</sup> at 20°C	Solubility in water:	insoluble

## 10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous decomposition products: CO, CO<sub>2</sub>, NO<sub>x</sub>. Contact with acids to be avoided.

## 11. TOXICOLOGICAL INFORMATION

Generally regarded as a non-toxic substance based on experience of long term exposure.

Cronical toxicology:	Not known.
Oral toxicology:	Depending on the quantity sickness or diarrhoe can occur when ingested.
Inhalation:	The inhalation of steam can be harmful due to thermo decomposition.
Primary irritation:	Skin: Not listed as irritational product although permanent contact should be avoided. Eyes: In case of eye contact after first aid measures red eyes or burning eyes can occur.
Sensitization:	The product is not classified as sensitising.

## 12. ECOLOGICAL INFORMATION

The product is biodegradable and insoluble in water. Nevertheless do not allow to enter soil, waterways or waste water.

Classification in german regulations: WGK 1 (self indication according to VCI)

## 13. DISPOSAL CONSIDERATIONS

In accordance with national and local regulations special waste must be taken to an authorised waste incineration plant.

Disposal code according to EAK / EWC: 120115. All packing material must be fully discharged and can be recycled after cleaning.

Spoiled packing must be disposed like the product itself.

## 14. TRANSPORT INFORMATION

ADR / UN No.: The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

IMDG / IATA: Not classified as dangerous goods.

## 15. REGULATORY INFORMATION:

The product does not require a hazard warning label in accordance with the EC directives/German regulations on dangerous substances.

The product is not listed in german VbF (as burning liquid).

## 16. OTHER INFORMATIONS:

S-sentences (accord. to german regulation):	S 25 / 25 Avoid eye and skin contact.
	S 36 / 37 Use proper gloves during operation and handling.
R-sentences (accord. to german regulation):	R 66 Permanent contact can cause skin irritation

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid relationship. This material safety data sheet is valid until further information from the supplier .