MATERIAL SAFETY DATA SHEET

According to (EC) No 1272/2008 (REACH) and Regulation (EU) 2015/830

Date of Issue: 04.06.2018

Solid Compound DIALUX® Vornex

Revised: 28.03.2018

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

Trade name:	DIALUX® Vornex		
General chemical description	mixture of paraffines, aluminum oxides, emery and other fats		
Usage	polishing compound for all surfaces		
Company identification:	OSBORN INTERNATIONAL GMBH Polierpastenwerk Haan Zweigniederlassung der Jason Group Rudolf-Harbig-Weg 10 42781 Haan/Germany		
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2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:	The substance is not classified according to the CLP regulation
Physical Hazard:	not classified
Human Health Hazard:	not classified
Environmental Hazard:	not classified

Classification according to Regulation 67/548/EEC [DSD] or Directive 1999/45/EC

According to current European laws and regulations the product is not dangerous or toxic material (based on the available data). No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

3. Composition/ information on ingredients:

Generally chemical description: mixture of paraffines, aluminumoxide, emery, other fats

4. FIRST AID MEASURES:

4.1 First aid measures description

4.1.1 In case of inhalation:

Remove source of contamination or have victim move to fresh air. If suffocation is serious, obtain medical attention immediately.

4.1.2 In case of skin contact:

Take off immediately all contaminated clothing. Rinse skin with water/shower. Obtain medical attention if necessary.

4.1.3 In case of eye contact:

Immediately flush the contaminated eye with running water for several minutes. Obtain medical attention if necessary.

4.1.4. After swallowing:

If swallowed, do not induce vomiting. Rinse mouth, drink plenty of water. Obtain medical attention if necessary. Never give anything by mouth to an unconscious person.

4.2 Information about the medical atention:

Medical attention is required if adverse symptoms are shown or after a large exposure. Treatment should in general be symptomatic and palliative.

4.3 Indication of the immediate medical attention and special treatment needed

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatment:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES:

Extinguishing media:	Foam, carbon dioxide, water mist, dry powder - no restriction.
Environmetal hazards:	In the event of fire the following can be released: CO, CO2, NOx.
Particular hazards:	Use adequate aspiration devices. Do not allow contaminated water into drains / groundwater.
Personal Protection:	Wear suitable protective cloths, eye protection and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Ensure adequate exhaust ventilation.

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 (5°< t < 35°C) away from foodstuffs. Should be consumed within 24 months after day of production.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Exposure limits/ Respiratory protection:	Refer to „7. Handling and Storage“ and „15. Regulatory information“. If dust levels are 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.

8.1. control parameters

Ingredients with limit values which requiremonitoring at the workplace
Paraffin waxes and hydrocarbon waxes

WEL Short-term value:	6 mg/m³
Long-term value:	2 mg/m³

Additional Occupational Exposure Limit Values for possible hazards during processing:
Observe general threshold limit for dust. Details see TRGS 900

Additional information:	The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:	Use suitable respiratory protective device only when aerosol or mist is formed. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device. Filter P2
Protection of hands:	Oil resistant gloves
Material of gloves	Nitrile
Penetration time of glove material:	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	solid	Colour:	grey-brown
Odour:	characteristic	Vapour Pressure	n.a.
Melting Point:	42-45 °C	pH-value:	n.a.
Boiling Point:	n.a.	Flammability:	n.a.
Explosive Properties:	none	oxidising properties:	none
Relative Density:	approx. 1,6 g/cm³ at 20°C	Solubility in water:	non soluble

10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous decomposition products: CO, CO2, Nox. Contact with acids to be avoided.

11 TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

The substance is not classified in any category of acute toxicity hazard.

Skin contact:	The product is not classified as irritant according to the criteria of Regulation (CE) 1272/208. Extended exposure may dry and crack the skin, and cause irritation in sensitive individuals.
Eye contact:	The substance may irritate the eyes by mechanical action (rubbing), although severe lesions are not to be expected.
Ingestion:	According to available information the acute oral toxicity of the substance will foreseeable be greater than 2000 mg/kg (rat). Ingestion of large amounts may cause mild intestinal irritation.
Inhalation:	Acute inhalatory exposure (short term) may cause coughing and difficulty to breathe in the event of exposure to large concentrations of the substance.

11.2 Chronic toxicity

Information givenis based on data obtained similar substances. Did not show any carcinogenic effects in animal experience (weight of evidence approach).

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

The product itself is not known to be dangerous for the environment, being silica an essential mineral component of soils and sediments. However due to its potential generation of suspended particulate matter in water, which may cause high turbidity –with the subsequent deleterious effect to aquatic ecosistems-, it must not be discharged in large amounts to surface waters.

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.

13.1 Suitable waste treatment/elimination methods:

Whenever possible the product, as inert waste, shall be valorised. If this is not possible, elimination must be carried out in accordance with regional, national and Community legislation on disposal of waste and containers that have contained it. If during its use, the product is contaminated or mixed with dangerous substances, the waste generated may have to be managed as hazardous waste, as a function of the nature and quantity of the hazardous substances present.

13.2 Code of the EWL applicable: 01 04 10 Dusty and powdery wastes other than those mentioned in 01 04 07. Other waste that may occur as a result of the identified uses of the substance 13 08 02* Other emulsions. (Within the subcategory “Oil wastes not otherwise specified”). 12 01 01 Ferrous metal filings and turnings. 12 01 03 Non-ferrous metal filings and turnings 08 04 17* Rosin oil 02 01 03 Plant-tissue waste

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:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void
Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATIONES:

This material safety data sheet has been elaborated according to Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1272/2008 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

16.1 Modifications. Amendment of sections 2 and 3 as a result of the derogation of Directive 1999/45 / EC and the RD 255/2003

16.2 Data sources.

1. IUCLID and ECDIN Databases (European Commission)
3. IFA. Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung.
4. ACGIH. American Conference of Governmental Industrial Hygienists: 2008 TLVs® and BEIs®.Threshold Limit Values for Chemical Substances, Physical Agents and Biological Exposure.
5. IARC (2010) International Agency for Research on Cancer. http://www.iarc.fr/
6. NIOSH (National Institute for Occupational Safety and Health).
7. NTP (National Toxicology Program).
8. Hazardous Substances Data Bank (HSDB)
9. eChemportal

16.3 Other information

This document complements the technical instructions on usage, but does not substitute them. The information contained herein is based , to our best knowledge, on the technical information available on the product up to date. Users are advised that there is an inherent risk associated to the use of the product for differente purposes to those for which it is intended. This document does not exempt, in any way, the user of the product from the duty of fully understanding and applying all regulatory requirements. It is the sole responsability of the receiver of this document to adopt the necessary precautionary measures necessary for the use made of the product. All the information contained herein is provided, exclusively, with the aim of aiding the receiver to comply with his regulatory obligations with regard to the use of dangerous substances. The present list of information must not be considered as exhaustive, not exempting the receiver from adopting other precautions, which may described in documents not mentioned herein, regarding the storage and use of the product, of which the receiver is solely responsible.