

Solid Compound Polish white

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

Trade name: Polish white
General chemical description: mixture fatty acids, paraffins, aluminum oxide
Usage: polishing compound for all surfaces
Company identification: RHODIUS SCHLEIFWERKZEUGE GmbH & Co.KG
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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 on this Material Safety Data Sheet.

3. Composition/ information on ingredients

Name	Product identifier	%
Aluminum oxide (Al ₂ O ₃)	(CAS-No.) 1344-28-1	50-70
fatty acids, tallow	-	30-50

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:

Immediately remove 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 orally to an unconscious person.

4.2 Information about the medical attention:

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

4.3 Indication of immediate medical attention and special treatment needed

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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.
Environmental hazards:	In the event of fire the following can be released: CO, CO ₂ , NO _x .
Particular hazards:	Use adequate breathing devices. Do not allow contaminated water into drains /groundwater.
Personal Protection:	Wear suitable protective clothing, 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.
Methods for cleaning/disposal:	Remove, send in suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Local extraction 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/	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 particles“.
Eye protection:	Safety glasses should be worn. 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 require monitoring 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 manufacture 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 self-contained protective breathing device.

Filter P2

Protection of hands: Oil resistant gloves

Material of gloves Nitrile

Penetration time of glove material

The exact break through time is determined by the manufacturer of the protective gloves and must be observed.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid	Colour:	white
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. 1,4 g/cm ³ at 20°C		
Solubility in water:	non soluble		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

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

Skin contact: The product is not classified as irritant according to the criteria of Regulation (CE) 1272/2008.

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 is foreseeably 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 breathing difficulties in the event of exposure to large concentrations of the substance.

11.2 Chronic toxicity

Information given is based on data obtained in similar substances. Does not show any carcinogenic effects in animal experiments (weight of evidence approach).

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

The product itself is not known to be dangerous to the environment. However due to its potential generation of suspended particulate matter in water, which may cause high turbidity –with the subsequent deleterious effect to aquatic ecosystems, 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.

Soiled packing must be disposed of in the same way as the product.

13.1 Suitable waste treatment/elimination methods

Whenever possible the product, as inert waste, shall be valorized. 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

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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 INFORMATION:

OTHER INFORMATION

This material safety data sheet has been elaborated according to Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization 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 different 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 responsibility 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, nor exempting the receiver from adopting other precautions, which may be described in documents not mentioned herein, regarding the storage and use of the product, of which the receiver is solely responsible.

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