



Material Safety Data Sheet

1. Chemical Product and Company Identification

Product name:	Polishing paste
Manufacturer:	Conrad Electronic SE
Address:	Klaus-Conrad-Str. 1, D-92240 Hirschau
Telephone:	+49 (0) 9604 / 40 - 8988
Internet:	www.conrad.com
Date of issue:	08.12.2021

1.1 Product Identification

Product Name: Polishing paste

Product Model: /

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Sanding and polishing

Use advised against: No data available.

2. Hazards Identification

2.1 Classification of the substance or mixture

This product is not classified according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

2.2 GHS Label elements, including precautionary statements

Pictogram(s): No pictogram is used.

Signal Word: No signal word is used.

Hazard Statement: No hazard statement.

Precautionary statements: No precautionary statement.

2.3 Description of any hazards not otherwise classified

No additional information available.



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3. Composition/Information on Ingredient

Substance () Preparation (✓) Article ()

Composition:

Chemical name	CAS No.	Content (%)
Oleic acid	112-80-1	20%±2%
Stearic acid	57-11-4	10%±1%
Paraffin waxes	8002-74-2	10%±1%
Talc	14807-96-6	59%±4%
Pigment green	14832-14-5	1%±0.1%

Note: CAS No. is Chemical Abstract Service Registry Number.

4. First Aid Measures

4.1 Description of first aid measures

Eye Contact:

Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Skin Contact:

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

Inhalation:

No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

Ingestion:

Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician attention and get medical immediately.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion may result in nausea, vomiting and/or diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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5.-Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Decomposition products formed under fire conditions:

Carbon monoxide, carbon dioxide, etc..

5.3 Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting.

5.4 Further information

No data available.

6. Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate area. Remove all fire sources. Avoid dust generation. Avoid inhaling dust. Use suitable personal protective equipment.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Use explosion-proof ventilation systems and equipment.

Keep away from fire and heat. No smoking in the workplace.

Wear suitable personal protective equipment in section 8.

Avoid formation of dust and aerosols.

Avoid inhaling dust. Avoid prolonged or repeated contact with skin. Avoid contact with skin and eyes.

Wash thoroughly after handling.

Do not eat, drink or smoke at the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Do not store together with strong oxidants.

Keep away from fire and heat.



8. Exposure Controls, Personal Protection

8.1 Exposure Limits

Not established.

8.2 Exposure controls

Engineering Control:

General industrial hygiene practice. Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment:

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection:

Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection:

In production, use normal work suit is enough.

Hands Protection:

Suggest wear suitable protective gloves to avoid skin exposure.

Other Protections:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



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9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Paste
Color	Green
Odor	Weak odor
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not flammable.
Upper explosive limit % (g/cm ³)	Not available.
Lower explosive limit % (g/cm ³)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

10.1 Stability

Stable under normal storage temperature and pressure.

10.2 Conditions to Avoid

Overheat, open flame.

10.3 Incompatible materials

Strong oxidants.

10.4 Hazardous Decomposition Products

Other decomposition products:

No data available. In the event of fire: See section 5.

10.5 Possibility of hazardous reactions

None hazardous reactions known under normal condition.



11. Toxicological Information

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

Based on available data, the classification criteria are not met.

Serious Eye Damage/Eye Irritation:

Causes serious eye irritation.

Respiratory or Skin Sensitization:

No known sensitizing effects.

Germ Cell Mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity:

May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):

Based on available data, the classification criteria are not met.

Aspiration Hazard:

Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation: Inhalation of dust may cause respiratory irritation.

Skin Contact:

May cause skin irritation.

Eye Contact:

May irritate eyes.

Ingestion:

Ingestion may result in nausea, vomiting and/or diarrhoea.



12. Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Do not let product largely enter drains or waterways.

13. Disposal Considerations

Waste treatment methods

Product:

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging:

Dispose of as unused product after empty.



14. Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA: Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA. Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA. Not applicable.

Class Label Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA: Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex 1 of Marpol and the IBC Code

Not applicable.

14.8 Transport/Additional information

Not dangerous according to the above specifications.

UN 'Model Regulation': Not applicable.

15. Regulatory Information

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

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.



Item no.: 3399159

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16. Additional Information

16.1 Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC) website: <http://www.ilo.org/dyn/icsc/showcard.home>
- [2] EU REACH Registered Substance Database website:
<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- [3] OECD: The Global Portal to Information on Chemical Substances website:
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>
- [8] Germany GESTIS-database on hazard substance website: <http://gestis-en.itrust.de/>
- [9] IARC website: <http://www.iarc.fr/>

16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization
IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicology Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

16.3 Disclaimer

This safety data sheet was prepared in accordance with UN GHS Rev.9.

The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.