

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

FINO HIPOLISH Polishing Paste

REF 68042

Product group: Metalle

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Metal surface treatment products Polishes and wax blends

**Uses advised against**

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this mixture.

**1.3. Details of the supplier of the safety data sheet**

Company name:	FINO GmbH	
Street:	Mangelsfeld 18	
Place:	D-97708 Bad Bocklet	
Telephone:	+49-97 08-90 94 20	Telefax: +49-97 08-90 94 21
e-mail:	info@fino.com	Internet: www.fino.com
Contact person:	Joachim Mahlmeister	Telephone: +49-97 08-90 94 20
e-mail:	info@fino.com	
Responsible Department:	This number can only be reached during our office hours, Monday to Friday from 8 a.m. to 5 p.m.	

**1.4. Emergency telephone number:**

+49-89-1 92 40  
POISON CENTER München  
24 hour(s) 7 day(s)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Void

**Special labelling of certain mixtures**

no classification

**Additional advice on labelling**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**2.3. Other hazards**

No risks worthy of mention.

Results of PBT and vPvB assessment not applicable.

**SECTION 3: Composition/information on ingredients****3.1. Substances****Chemical characterization**

Mixture from the below listed substances with harmless additives.

Aluminium oxide bonded in aliphatic acid and wax with the addition of pigments.

**Hazardous components**

none (according to UK REACH Regulation)

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

No special measures are necessary.

**After inhalation**

With regard to the calculation of ATE<sub>mix</sub> the mixture does not contain relevant components with unknown acute inhalative toxicity.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.  
In case of skin irritation, consult a physician.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting.  
Call a physician immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No known symptoms to date.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam, Extinguishing powder, Water spray jet, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

Pyrolysis products, toxic

**5.3. Advice for firefighters**

Residues of burned materials and fire water must be disposed in accordance with magisterial regulations.

**Additional information**

No information available.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Special danger of slipping by leaking/spilling product.  
No dangerous materials are released.

**For non-emergency personnel**

Emergency procedures  
Remove persons to safety. Remove victim out of the danger area.  
The danger areas must be delimited and identified using relevant warning and safety signs.

**For emergency responders**

Use personal protection equipment.

## 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Shafts and sewers must be protected from entry of the product. Retain contaminated washing water and dispose it. Collect in closed and suitable containers for disposal.

## 6.3. Methods and material for containment and cleaning up

### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
Take up mechanically.

### For cleaning up

Collect in closed and suitable containers for disposal.  
Wash contaminated clothing before reuse.

## 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

### Advice on safe handling

Avoid dust formation.  
Dust should be exhausted directly at the point of origin.  
Avoid contact with eyes and skin.

### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### Advice on general occupational hygiene

The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and after work.  
Protect skin by using skin protective cream.  
Avoid contact with eyes and skin.

### Further information on handling

No special handling advices are necessary.

## 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep/Store only in original container.  
Store in a cool dry place. Keep container tightly closed and dry.

### Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

### Further information on storage conditions

Store in a dry place. Store in a closed container. Keep in a cool place.  
Recommended storage temperature 15-25 °C

## 7.3. Specific end use(s)

Metal surface treatment products Polishes and wax blends

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL

**Additional advice on limit values**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**8.2. Exposure controls**
**Appropriate engineering controls**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Individual protection measures, such as personal protective equipment**
**Eye/face protection**

Wear goggles when chipping the material.

**Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Breakthrough time:: > 120 min (EN ISO 374)

The precise time of rupture can be found out from the manufacturer of the protective gloves and must be observed.

Suitable material: Butyl caoutchouc (butyl rubber)

**Skin protection**

Only wear fitting, comfortable and clean protective clothing.

**Respiratory protection**

Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state:	solid
Colour:	light blue
Odour:	characteristic

**Changes in the physical state**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Softening point:	not applicable
Flash point:	180 °C

**Flammability**

Solid/liquid:	not applicable
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**Explosive properties**

not explosive.

Lower explosion limits:	---
Upper explosion limits:	---
Auto-ignition temperature:	not determined

**Self-ignition temperature**

Solid:

not applicable

Decomposition temperature:

not determined

pH-Value:

not applicable

Viscosity / dynamic:

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Viscosity / kinematic:  
(at 40 °C)> 7 mm<sup>2</sup>/s

Water solubility:

Immiscible

Partition coefficient n-octanol/water:

not determined

Vapour pressure:

not determined

Density (at 20 °C):

0,92 g/cm<sup>3</sup>

Relative vapour density:

not determined

**9.2. Other information****Information with regard to physical hazard classes**

Sustaining combustion:

No data available

Oxidizing properties

Not oxidising.

**Other safety characteristics**

Solvent content:

Organic solvents: -,-%  
Maximum VOC content: - %

Solid content:

100%

Evaporation rate:

not applicable

**Further Information****SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

See section 7. Additional information on plant design:

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No dangerous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

**Irritation and corrosivity**

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

Toxicological analyses are not available.

**Additional information on tests**

Based on our experiences and information the product does not cause harmful health effects if handled according to specifications and used according to indications.

**Practical experience**

No special references.

**11.2. Information on other hazards****Other information**

No special precautionary measures.

**SECTION 12: Ecological information****12.1. Toxicity**

There are no data available on the mixture itself.

**12.2. Persistence and degradability**

none Evidence exists for biodegradation processes.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

No special requirements measures.

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of UK REACH.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects**

No effects known.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Send to a hazardous waste incinerator facility under observation of official regulations.

**List of Wastes Code - residues/unused products**

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

**List of Wastes Code - used product**

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

**List of Wastes Code - contaminated packaging**

170402 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); metals (including their alloys); Aluminium

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of contents/container to an appropriate recycling or disposal facility.

**SECTION 14: Transport information**
**Land transport (ADR/RID)**

**14.1. UN number or ID number:** UN 0000  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:** UN 0000  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 0000  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 0000  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No special measures are necessary.

**14.7. Maritime transport in bulk according to IMO instruments**

No special precautionary measures.

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulatory information**

2004/42/EC (VOC): no classification  
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)  
Additional information: 0

**Additional information**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**National regulatory information**

Water hazard class (D): - - non-hazardous to water

**Additional information**

Betriebssicherheitsverordnung (BetrSichV) ---  
No further data.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**
**Changes**

\* Data changed compared with the previous version.

**Abbreviations and acronyms**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 "IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)"  
 ICAO: International Civil Aviation Organization  
 "ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)"  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

**Identified uses**

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Consumer use of polishes	PW	20	31	24	4	7g	107	17

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories