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PHEIL EA588GD-53 PoLC

MATERIAL SAFETY DATA SHEET

According to (EC) No 1907/2006

4050 liquid finishing polish

Date of Issue: 11.03.2013

revised: 15.04.2010

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

Trade name: 4050 liquid metal polish

General chemical description: mixture of water, fatty acids, emulsifiers, hydrocarbon, polishing minerals (Al₂O₃)

Usage: polishing compound for metal surfaces

Company identification:

Emergency phone:

CH-3436 Zollbrück
Telefon 034 496 72 18
Telefax 034 496 72 51
Gifftotruf Berlin 030 30686790 Englisch and German

2. Hazards identification

Special hazards for man and environment according to 67/548/EC as amendet

Symbols of danger: Not subject to the regulation

R-phrases: none

S-phrases: none

3. Composition/ information on ingredients:

chemical description	mixture of water, fatty acids, emulsifiers, abrasive polishing minerals (Al ₂ O ₃), hydrogenated hydrocarbons		
hydrogenated hydrocarbon			
CAS 64742-47-8 EINECS 265-149-8	content [%]	5-25%	R-Sätze Xn R65,
ammonia solution			
CAS 1336-21-6 EINECS 215-647-6	content [%]	< 5%	R-Sätze C,N R34 R50

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. Seek medical advice when red irritation of skin visible.

Inhalation: Remove from dusty atmosphere, go into fresh air, normally no further treatment required.

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, CO₂, NO_x.

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. 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

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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 B. Exposure Controls / Personal Protection.
Store in a cool dry place (<5° >40°C) away from foodstuffs. Should be consumed within 6 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 likely to exceed the OES, a dust mask should be worn complying with BSEN49 „Specification for filtering half masks to protect against particulates“.
Respiratory protection:
Eye protection: Goggles should be worn if necessary. Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	viscous	Colour:	red/ pink
Odour:	characteristic	Vapour Pressure	n.a.
Melting Point:	n.a.	pH-value:	8-10
Boiling Point:	~ 110°C	Flammability:	n.a.
Explosive Properties:	none	Oxidising Properties:	none
Relative Density:	approx. 1,2 g/cm ³ at 20°C	Solubility in water:	soluble
Freezing Point:	approx. 0°C		

10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous decomposition products: CO, CO₂, No_x. 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.

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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 INFORMATIONES:

S-sentences (accord. to german regulation):S 25 / 25

S 36 / 37

S 2

R-sentences (accord. to german regulation):R 66
permanent contact.

Avoid eye and skin contact.

Use proper gloves during operation and handling.

Keep away from children

May cause rough or chapped skin during

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 .