

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

Identification of the substance or preparation

Hofmann Power Paste

Use of the substance/preparation

Assembly material

Company/undertaking identification

WEGMANN automotive GmbH, Rudolf-Diesel-Straße 6, 97209 Veitshöchheim

Tel.: +49 931 32104-0; Fax: +49 931 32104 999

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.:

Telephone number of the company in case of emergencies:

+49 (0)931 32104 0

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

To the environment

See point 12.

REGULATION (EC) No 648/2004

n.a.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol Registration number (ECHA)	R-phrases	EINECS, ELINCS
Diethylene glycol			
1 - 5	Xn	22	203-872-2

For complete wording of the R-phrases / H-phrases (GHS/CLP), refer to point 16.

4. FIRST AID MEASURES

Never pour anything into the mouth of an unconscious person!

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

4.2 Skin contact

Normally not irritating to skin.

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

Unsuitable cleaning product:

Solvent

Thinners

4.2 Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.4 Ingestion

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

Water jet spray / alcohol resistant foam / CO2 / dry extinguisher

5.2 Extinguishing media which shall not be used for safety reasons

None

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods for cleaning up

Collect mechanically and dispose of according to point 13.

Or:

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13.

Fill the absorbed material into lockable containers.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

7.2. Storage

Requirements for storage rooms and containers:

No special measures required.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Special storage conditions:

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See point 10
 Keep protected from direct sunlight and temperatures over 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Diethylene glycol	Content %:1 - 5
WEL-TWA: 23 ppm (101 mg/m ³)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.
 General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Respiratory protection:
 Normally not necessary.
 Hand protection:
 Normally not necessary.
 Protective hand cream recommended.
 Eye protection:
 With danger of contact with eyes.
 Tight fitting protective goggles with side protection (EN 166).
 Skin protection:
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.
 Selection made for preparations according to the best available knowledge and information on the ingredients.
 Selection of materials derived from glove manufacturer's indications.
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
 In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical state: Paste
 Colour: White
 Odour: Mild

9.2. Important health, safety and environmental information

pH-value undiluted: ~ 8 (20°C), Emulsion
 Boiling point/boiling range (°C): n.a.
 Melting point/melting range (°C): ~ 50
 Flash point (°C): ~ 240 (DIN 51376)
 Ignition temperature: ~ 400°C (DIN 51794)
 Minimum limit of explosion: n.a.
 Maximum limit of explosion: n.a.
 Product is not explosive.

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Vapour pressure:	Not detected
Density (g/ml):	1,06 g/cm ³ (20°C)
Water solubility:	Mixable

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Materials to avoid

See point 7

No dangerous reactions are known.

Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	> 2000, Analogous conclusion
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	No indications of such an effect.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

The product was not tested.

Classification according to calculation procedure.

According to our current state of knowledge, the preparation does not put humans at risk under normal conditions of use.

The following may occur:

Irritation of the eyes

12. ECOLOGICAL INFORMATION

Persistence and degradability:	
Readily biodegradable	
Behaviour in sewage plants:	Problems not expected when used correctly.
According to the recipe, contains no AOX.	
Aquatic toxicity:	Water toxicology is above the water-solubility value.
Ecological toxicity:	n.av.
Mobility:	n.av.
Accumulation:	Not to be expected
Results of PBT assessment	
n.av.	
Other adverse effects:	n.av.

13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 01 aqueous washing liquids and mother liquors

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

See point 13.1

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Pay attention to local and national official regulations
 Empty container completely.
 Uncontaminated packaging can be recycled.
 Dispose of packaging that cannot be cleaned in the same manner as the substance.
 15 01 01 paper and cardboard packaging
 15 01 02 plastic packaging
 15 01 04 metallic packaging

14. TRANSPORT INFORMATION

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Tunnel restriction code:

Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Additions:

Safety data sheet available for professional user on request.

Observe restrictions: n.a.

VOC (1999/13/EC): 0%

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10/12

Revised points: n.a.

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).
 22 Harmful if swallowed.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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