Farbpaste schwarz

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1. Substance/preparation and company identification

Trade name: Farbpaste schwarz

Application of the substance/ the preparation:

Colour agent for orthopaedic technology

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2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

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3. Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Contained colourants: inorganic pigments.

Further Information

Pigment paste.

Dispersing agent made from mineral white oil (aliphatic).

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4. First Aid Measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of persisting symptoms consult physician.

After contact with skin

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of persisting symptoms consult physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Do NOT induce vomiting. In case of persisting symptoms consult physician.

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

Due to the available level of knowledge and while appropiate handling no dangers for humans and the environment proceed from the product.

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

Treat symptomatically

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5. Fire-fighting Measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder, Water mist, Water spray

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

Additional information

In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal. Disposal: see section 13

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7. Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep away from frost, heat and direct sunlight, Always close containers tightly after the removal of product.

Advice on storage compatibility

No information available.

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8. Exposure Controls/ Personal Protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Protective and hygiene measures

When using do not eat or drink.

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves. Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Skin protection

Personal protection equipment

Respiratory protection

Usually no personal respirative protection necessary.

Environmental exposure controls

Do not allow to enter into surface water or drains.

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9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	black
Odour:	odourless
pH-Value:	not applicable

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	>240°C
Decomposition temperature:	300°C
Vapour pressure (at 20 °C):	<0,1 hPa
Water solubility:	practically insoluble
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined

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10. Stability and Reactivity

10.1. Reactivity

No known hazardous reactions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid
heat, flames and sparks
10.5. Incompatible materials
None known.
10.6. Hazardous decomposition products
No known hazardous decomposition products.

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11. Toxicological Information

11.1. Information on toxicological effects
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.

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12. Ecological Information

12.1. Toxicity
No information available.
12.2. Persistence and degradability
Not readily biodegradable (according to OECD criteria)
12.3. Bioaccumulative potential
No information available.
12.4. Mobility in soil
No information available.
12.5. Results of PBT and vPvB assessment
Not relevant
12.6. Other adverse effects
No information available.
Further information
Do not allow to enter into surface water or drains.

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13. Disposal considerations

13.1. Waste treatment methods
Advice on disposal
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Dispose according to legislation.
Contaminated packaging
Completely emptied packages can be recycled.

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14. Transport Information

Other applicable information

No dangerous good in sense of these transport regulations.

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15. Regulatory Information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

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16. Other Information

Abbreviations and acronyms

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

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. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.