

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 30.04.2013

Version: 6

Revision: 30.04.2013

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Tattoo paste black
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the preparation:** Marking of animals
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**

E-mail:

- **Email competent person:** sds@kft.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
National Poisons Information Service (NPIS)
24 hour national number is 0844 892 0111 professionals only

National Health Service (NHS)
24 hour national number is 0845 4647 consumer

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Information concerning particular hazards for human and environment:**
Based on information available to us, the substance/the mixture is not a hazardous substance as defined by the Chemicals Act (ChemG), the Hazardous substances Ordinance, Regulation (EC) No. 1272/2008 and Directive 1999/45/EC in their latest versions.
- **Classification system:**
The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.
- **2.2 Label elements**
- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV). Observe the general safety regulations when handling chemicals
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Tattoo paste water based
- **Dangerous components:**
CAS: 1333-86-4 Carbon black
EINECS: 215-609-9 substance with a Community workplace exposure limit

25-50%

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CAS: 56-81-5 glycerol
EINECS: 200-289-5 substance with a Community workplace exposure limit

5-10%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:** Inhalation of product is unlikely.
- **After skin contact:** Wash with water and soap.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist, consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No data available
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store at ambient temperature.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
 - Keep receptacle tightly sealed.
 - Protect from frost.
- **Storage class:** 10 Combustible liquids
- **7.3 Specific end use(s)** Follow the directions!

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
 - 1333-86-4 Carbon black**
 - WEL (Great Britain) Short-term value: 7 mg/m³
 - Long-term value: 3.5 mg/m³
 - 56-81-5 glycerol**
 - WEL (Great Britain) Long-term value: 10 mg/m³
- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - The usual precautionary measures should be adhered to when handling chemicals.
 - Avoid contact with eyes and skin.
 - Do not eat or drink while working.
- **Breathing equipment:**
 - In case of unintentional release of substance, exceeding the occupational exposure limit value:
 - Short term filter device (EN 149):
 - Filter A (colour code: brown)
- **Protection of hands:**
 - Protective gloves
 - The glove material has to be impermeable and resistant to the product/substance/preparation.
 - After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves:**
 - Rubber gloves
 - The choice is based on practical experience. The exact break-through time is unknown.
- **Penetration time of glove material:** -
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information:**
- **Appearance:**

Form:	Pasty
Colour:	Black
Odour:	Characteristic
Odour threshold:	Not determined

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· pH-value:	Not determined
· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	Not applicable
· Flammability (solid, gaseous):	Not determined
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.9 Vol % (glycerine)
Upper:	Not determined
· Oxidizing properties:	Not determined
· Vapour pressure:	Not applicable
· Density:	Not determined
· Relative density:	Not determined
· Vapour density:	Not applicable
· Evaporation rate:	Not applicable
· Dissociation constant pKa	Not determined
· Solubility in / Miscibility with Water:	Miscible
· Partition coefficient (n-octanol/water):	Not determined
· Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
· 9.2 Other information	No further relevant information available

* SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications
- 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available
- 10.5 Incompatible materials: Oxidants
- 10.6 Hazardous decomposition products:
No hazardous decomposition products if instructions for storage and handling are followed

* SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:
- LD/LC50 values that are relevant for classification: No toxicity data are available for the product itself.
- Primary irritant effect:
- on the skin: No irritating effect

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- **on the eye:** No irritating effect
- **On respiratory tract:** No data available
- **Sensitization:** No sensitizing effects known
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:** No data available
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** Not relevant
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:** Presently there are no ecotoxicological values available.
 - **12.2 Persistence and degradability** No further relevant information available
 - **12.3 Bioaccumulative potential** No further relevant information available
 - **12.4 Mobility in soil** No further relevant information available
 - **Additional ecological information:**
 - **General notes:**
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.
- **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable
 - **vPvB:** Not applicable
 - **12.6 Other adverse effects** No further relevant information available

* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation:**
- Smaller quantities can be disposed of with household waste.
Disposal according to instructions of local authorities
- **European waste catalogue:**
- 07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES
07 03 00 wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 99 wastes not otherwise specified
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA**

Void

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· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Reasons for amendments: General revision
- Replaces version dated: 19.11.2012

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

- * Data compared to the previous version altered.

Changes have been made to sections marked with a *, as compared to the previous version.