



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

1.1 Product identifier:

Trade name: DEKA-Outlinepaste
article 05-88 (gray) and 05-90 (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 mixture:

Full coverage contour paint, artist colors

1.3 Details of the supplier of the safety data sheet:

Manufacturer/supplier:

DEKA Textilfarben GmbH, Kapellenstraße 18
D-82008 Unterhaching, Deutschland
Tel.: ++ 49 / (0) 89 / 66 50 64 - 0
Fax.: ++ 49 / (0) 89 / 611 76 51
e-mail: info@deka-farben.de

1.4 Emergency telephone number:

(Mon. - Thu. 9.00 – 16.00, Fri. 9.00 – 12.00)
e-mail: info@deka-farben.de
Tel.: ++ 49 / (0) 89 / 66 50 64 – 0

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

The mixture is not classified according to the CLP regulation.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008: not applicable.

Additional information:

EUH208: Contains reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-on (3:1). May cause allergic reactions.

2.3 Other hazards:

No hazards worthy of special mention.

Section 3: Composition / information on ingredients

3.2 Mixtures:

Chemical characterization:

Acrylic copolymer, water, inorganic, and organic pigments

2-Methyl-2,4-pentanediol < 1,7%

CAS No. 107-41-5

EC No. 203-489-0

H319, H315 Limit value: X >= 10%

Section 4: First aid measures

4.1 Description of first aid measures:

General information: No special measures required.

After skin contact:

After contact with skin, wash thoroughly with plenty of soap and water.

After eye contact:

In case of contact with eyes, spread eyelid, rinse carefully and thoroughly with plenty of water, remove contact lenses, consult ophthalmologist if necessary.

After ingestion:

Rinse oral cavity with water.

Advice:

Consult a doctor if symptoms persist.

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:

No further relevant information available.

Section 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Carbon dioxide, extinguishing powder, sand, foam, water mist

5.2 Special hazards arising from the substance or mixture:

Material does not sustain combustion until the aqueous portion has completely evaporated, toxic fumes, carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides (SO_x) and nitrogen oxides (NO_x), may be produced.

5.3 Advice for firefighters:

Dispose of fire residues and contaminated extinguishing water in accordance with official regulations.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Avoid contact with skin and eyes.

6.2 Environmental precautions:

Do not allow to enter soil, water, and sewage system.

6.3 Methods and material for containment and cleaning up:

Absorb product with one of the following materials: Sand, sawdust, diatomaceous earth and universal binder, wipe up small quantities with a cloth and dispose of properly.

Also observe item 13.

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 information on disposal.



Section 7: Handling and storage

7.1 Precautions for safe handling:

Ensure good ventilation of the workplace. Observe the usual care when handling chemicals (TRGS 500) and paints, as well as appropriate rules.

Information on fire and explosion protection:

No special measures required. The product is not flammable.

7.2 Conditions for safe storage, including any incompatibilities:

Storage:

Store frost-free, protect from heat and direct sunlight.

Keep away from food and stimulants.

Storage class 12 according to TRGS 510: No hazardous substance, liquid, non-flammable.

7.3 Specific end use:

DEKA-Outlinepaste

Section 8: Exposure controls/personal protection

8.1 Control parameters:

Components with limit values that require monitoring at the workplace:

There are no ingredients in the product that could exceed limit values related to the workplace.

8.2 Exposure controls:

General protection and hygiene measures:

Avoid contact with eyes and skin. Ensure ventilation of the work area. Keep away from food.

Personal protective equipment:

Is not required for artistic painting.

Spray application:

Do not spray in the direction of people. Do not inhale aerosols and vapors.

Spray booth and good ventilation, if necessary, in case of insufficient ventilation, respiratory protection, protective clothing.

Hand protection:

Waterproof protective gloves, rubber, e.g. nitrile rubber, polychloroprene (CR), PVC; follow manufacturer's instructions, also for breakthrough times.

Eye protection:

Wear safety glasses with side shields when decanting product.

Respiratory protection:

If necessary, e.g. spray application: combination filters A, B, E, K and P Aerosols, particles.



Section 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties:

General information:

Appearance:	paste-like
Colour:	grey or black
Odour:	neutral
Odour threshold:	not determined
Boiling point:	100 °C, water
Vapour pressure, 20°C:	23 hPa, water
Density, 20°C:	> 1.2 g/ml, varying, depending on color shade
Solubility in water:	miscible
pH-value, 20°C:	7.5
Flash point:	not applicable
Flammability:	not applicable
Explosion limit:	not determined
Viscosity:	not determined

9.2 Other information:

None available

Section 10: Stability and reactivity

10.1 Reactivity:

None

10.2 Chemical stability:

No hazardous reactions known.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No dangerous reactions known.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

Section 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

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

Acute oral toxicity:

No data are available for the finished preparation.

LD50 > 2000 mg/kg oral, rat

Determined from raw materials of the preparation.

Skin corrosion/irritation:

Skin irritation: non-irritant, EEC 84/449, B.4 rabbit

Determined by analogy

Serious eye damage/irritation:

Eye irritation: Non-irritant, EEC 54/449, B.5 rabbit eye.

Determined by analogy.

Exposure to large quantities:

Splashes in the eyes may cause mild irritation after drying and may stick to the eye.

Skin and respiratory sensitization:

Based on data, the classification criteria are not met.

Mutagenicity / reproductive toxicity / carcinogenicity:

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

Specific target organ toxicity (single exposure):

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

Specific target organ toxicity in case of repeated exposure:

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

Aspiration hazard:

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

Practice:

If handled properly and in compliance with the usual industrial hygiene, there are no known or expected health-damaging effects of this ink preparation. Uppsala University (S); G. Wieslander, D. Norback, C. Edling: Polymer Paint Col. J. 184 (4357), 448 (1984)

Section 12: Ecological information

12.1 Toxicity:

No data are available for the finished preparation. After many years of experience, environmental problems are not to be expected. Penetration into soil, water and sewage systems must be prevented. Please observe the regulations of the local waste water authorities.

12.2 Persistence and degradability:

No data available on the mixture.

12.3 Bioaccumulation potential:

No data available on the mixture.

12.4 Mobility in soil:

No data available on the mixture.

12.5 Results of the PBT and vPvB assessment:

No data available on the mixture.

12.6 Other adverse effects:

No data available on the mixture.



Section 13: Disposal considerations

13.1 Waste treatment methods:

Disposal Product:

Dispose of in accordance with local ordinances and regulations. Small quantities can be disposed of with household waste. Rinse out small residues with water. Larger quantities can be disposed of at collection points for paints and varnishes, e.g. recycling centres.

Solid paint residues:

AVV no. 08 01 12

Waste paint and varnish other than those mentioned in 08 01 11.

Liquid paint residues:

AVV- no. 08 01 20

Aqueous suspensions containing inks and varnishes other than those mentioned in 08 01 19.

packaging:

AVV-no. 15 01 07

Clean empty containers can be given to reuse or recycling. Uncleaned empty containers are to be treated as ingredients.

Section 14: Transport information

14.1 UN-number:

ADR / RID, IMDG, IATA:

Not dangerous goods

14.2 UN proper shipping name:

ADR / RID, IMDG, IATA:

Not dangerous goods

14.3 Transport hazard class:

ADR / RID, IMDG, IATA:

Not dangerous goods

14.4 Packaging group:

ADR, IMDDG, IATA

Not applicable

14.5 Environmental hazards:

Not applicable

14.6 Special precautions for user:

Protect from frost and heat. Separate from food.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:

Not applicable



Section 15: Regulatory information

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

The product is not a hazardous substance in the sense of the Ordinance on Hazardous Substances. No labelling required according to the Ordinance on Hazardous Substances and corresponding EC directives.

ChemVOCFarbV, 2004/42/EC
VOC content: 1,63% ≤ 1,96 g/

The DEKA contour paste grey/black belongs to the artists' colors,
Customs tariff number: 32 13 1000.

Water hazard class:

1 slightly hazardous to water.

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out.

Section 16: Other information

Changes compared to the last version:

The current version contains defined subsections, as well as the note in section 2:

EUH208: Contains reaction mass 5-chloro-2-methyl-2H-isothiazol-3-one and
2-Methyl-2H-isothiazol-3-on (3:1). May cause allergic reactions.

The information given is based on our present knowledge but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

The raw materials used do not contain any soluble heavy metals such as antimony, arsenic, barium, cadmium, chromium, lead, mercury, and selenium according to their chemical structure. Accordingly, the paints comply with DIN EN 71 "Safety of toys" Part 3 "Migration of heavy metals".

Hazard statements referred to in sections 2 and 3:

H315 causes skin irritation.

H319 causes severe eye irritation.

Precautionary statements:

EUH208 may cause allergic reactions.