



1. Identification of substance

Trade name: DEKA-Block printing ink, different shades
56-05 to 56-92. Old: 540 to 560
Use: block printing on fabrics
textile aids, arts and crafts
Manufacturer: DEKA Textilfarben GmbH
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D-82008 Unterhaching
Germany
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2. Hazards identification

The product is not a dangerous preparation on the basis of the data on hand in accordance with the chemical law and EC guidelines.

3. Composition / information on ingredients

Preparation, natural resins, mixed glycerine esters of saturate and non saturated fatty acids, inorganic and organic pigments, drier free from lead and barium

<6,8% aliphatic hydrocarbon, not aromatic
CAS No.: 93763-35-0 EC No.: 297-854-1
Xn, R 65, 66 limiting value X >= 25%

4. First aid measures

Skin contact: Instantly wash with water and soap and rinse thoroughly.
Eye contact: Rinse opened eye for several minutes under running water.
Swallowing: Rinse or pharynx with water. Do not induce vomit-
Inhalation: Supply fresh air.
General information: If complaints continue for a longer time consult doctor or eye doctor.

5. Fire fighting measures

Suitable fire-extinguisher: Damp fog, extinguishing foam, carbon dioxide, extinguishing powder, sand
Unsuitable fire-extinguisher: Strong jet of water to avoid container damage.

The burning block printing ink will create fumes and gases, like carbon monoxide, nitrogen oxides. While no special procedures are required for this product, fire-fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. Accidental release measures

Personal precautions: Ink makes slippery and in combination with solvents and water greasy films. Avoid eye and skin contact
Environmental precautions: Do not allow paint to reach sewage system or water bodies.
Methods of cleaning up: Absorb ink with liquid absorbent material like sand and universal binder. Clean up small amounts with cloth and dispose in accordance with local regulations.
Cloth with residues: Danger of auto-ignition in the air, store cloth in lidded can.



7. Handling and storage

- Handling:** Ensure fresh air at the workplace like open window, ventilation. Handle the paint with care and appropriate rules (TRGS 500). Avoid open fire. Working materials can be cleaned with white spirit. Do not spray block printing ink.
- Storage:** Keep tube tightly closed. Keep away from food and luxury stimulants. Keep away from heat and frost. VCI storage class 3B, flammable liquids

8. Exposure controls and personal protection

- General:** Avoid eye and skin contact. Ensure fresh air.
- Hygiene:** Remove any soiled and impregnated garments, clean with cold water and soap. Before brake and after days work wash hands with water and soap. During working do not eat, drink, smoke or take snuff. Working / protective gloves and apron are useful.

TRGS 900/901

Non aromatic hydrocarbon CAS: 93763-35-0
MAK: 1000 mg/m³ 200 ppm , „peak limiting value“ 4

- Hands:** If occasion arises wear protective gloves, rubber, like nitrile, polychloroprene, (CR), PVC; notice information of supplier, also for penetrating times.
- Eyes:** None normally required, if occasion arises wear protective goggles.
- Respiration:** None normally required, if occasion arises wear NIOSH approved mask aerosols, particles, organic, (combination filter: A, B, E, K, P).

9. Physical and chemical properties

- Form:** creamy
- Colour:** different shades
- Odour:** characteristic, plant oils
- Melting point:** n.d.a., polymerises by heat
- Vapour pressure:** <1mbar oil
- Density, 20°C:** >1,01 g/ml, different shades
- Water solubility:** not miscible
- pH-value, 20°C:** n.a.
- Flash point:** +84°C
- Self inflammable:** n.d.a.
- Danger of explosion:** n.d.a.

10. Stability and reactivity

- Stability:** Stable, if used according to specifications. The ink dries and polymerises when heated.
- Reactivity:** Stable, if used according to specifications. Danger of auto-ignition in the air. Store cloth in lidded can.
- Substances to avoid:** Keep away from oxidising agents.
- Hazardous decomposition products:** None, if used according to specifications.

11. Toxicological information

There are no data of the ready preparation available.
LD50° > 2000 mg/kg
° preparation, raw materials

Information from practical use

Eye contact: May cause moderate irritation and paste up eyelids.



12. Ecological information

Long years experience indicates that the paint does not cause significant environmental effects. There are no data of the ready preparation available. Keep out of soil, water, rivers, lakes and ground-water. Please note the local regulations for sewage and water.

13. Disposal considerations

Please note the local regulations for sewage. Dispose of remaining paint in accordance with applicable country, federal, state and local regulations. Dispose of packaging according to regulations on the disposal of packaging. Absolutely cleaned packaging can be recycled. Suggestion for controlled waste disposal: burning.

EWC no. depends on way of use.

Solid waste: EWC No. 08 01 12 Paint- and varnish rubbish ...

Liquid waste: EWC No. 08 01 20 Paint- and printing inking rubbish ...

14. Transport information

Not dangerous according to ADR.

Keep tube tightly closed. Keep away from heat and frost. Keep away from food and luxury stimulants.

15. Regulatory information

Observe the normal safety regulations when handling chemicals. No labelling in accordance with EC directives.

ChemVOCFarbV 2004/42/EC

VOC content: 6,77% 68,36 g/l

The block printing inks are artist paints, customs no. 32 13 1000

National Regulations:

Verordnung brennbarer Flüssigkeiten (VbF): All

V.O.C.: Technische Anweisung (TA) Luft: class II portion 6,88 %

German water regulation: WGK 1 „schwach wassergefährdend“ according VwVwS

CH: BAG T No. 31596 toxic class: free 2001

16. Other information

The used raw materials do not contain constructional, chemical formula, any soluble heavy metals like antimony, arsenic, cadmium, chromium, lead, mercury and selenium . Therefor the paints are in accordance with EN 71 „ safety of toys“ part 3 „migration of special metals“.

The applicable hygiene and legal regulations are to be observed.

R-phrases from chapter 3:

R 60 Harmful: may cause lung damage if swallowed.

R 65 Repeated exposure may cause skin dryness or cracking

The information is based upon the present knowledge and experience of our suppliers and manufacturers. The safety data sheet describes products with regard to their safety requirements. The information does not imply quality assurance.

n.d.a. no data available

n.a. not applicable

n.r. not restricted