1. Identification of substance

Trade name: DEKA-Permanent, different shades, nos. 20-00 to 20-98
Use: Fabric paint, painting and printing on fabric
Manufacturer: DEKA Textilfarben GmbH
Kapellenstraße 18
D-82008 Unterhaching
Germany
Phone: ++ 49 / (0) 89 / 66 50 64 - 0
Fax: ++ 49 / (0) 89 / 611 76 51
e-mail: info@deka-farben.de

*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, polyacrylate copolymer, water, inorganic and organic pigments

<2,8% aliphatic hydrocarbons, without any aromatic hydrocarbons
CAS-No. 93763-35-0 **EC-No. 297-854-1**
R 65, 66 **limiting value X >= 10%**

**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 oropharynx 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 paint will feed fire after evaporation of water and 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 with water. 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, sawdust, and universal binder. Clean up small amounts with cloth and dispose in accordance with local regulations.

**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).
Storage: Keep container tightly closed. Keep away from food and luxury stimulants. Keep away from heat and frost. VCI store class 12, non 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.
Protective cloth is for artist work, painting normally not required.

TRGS 900/901: Non aromatic hydrocarbons CAS-No. 93763-35-0
MAK= 1000mg/m3 200ppm peak limiting value 4

Hands: If occasion arises wear protective gloves, rubber, like nitrile, polycloroprene, (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).
Airbrushing: Never brush against persons and faces. Provide good ventilation or use NIOSH approved mask. Use protective cloth.

*9. Physical and chemical properties

Form:	**liquid**
Colour:	**different shades**
Odour:	**not characteristic**
Boiling Point:	**100℃, water**
Vapour pressure:	**23hPa, water**
Density, 20℃:	**~1,015 g/ml, different shades**
Water solubility:	**miscible**
pH-value, 20℃:	**8-9**
Flash point:	**n.d.a.**
Self inflammable:	**n.a.**
Danger of explosion:	**n.a.**

*10. Stability and reactivity

Stability: Stable, if used according to specifications.
Reactivity: Stable, if used according to specifications.
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

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. University Uppsala (S); G. Wieslander, S. Norback, C. Edling: Polymer Paint Col. J. 184 (4357), 448 (19084)

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 container 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 labeling in accordance with EC directives.
ChemVOCFarbV 2004/42/EC
VOC content: <6% <=60g/l
The fabric paints Permanent are artist paints, customs no. 32 13 1000.

National Regulations:

D: Air regulation Technische Anweisung (TA)Luft: Class II 2,5% Class III 2,5%
D: Verordnung brennbarer Flüssigkeiten (VbF): no
D: German water regulation: WGK 1 „schwach wassergefährdend“ according VwVwS
CH: BAG T No. 31561 toxic class: free 1994

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 65 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
*** new details**