

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

1.1 Product identifier:

Trade name: DEKA-Transparent
different shades, nos. 02-00 to 02-97

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:

Transparent paint, professional, commercial use, artist paint.
Must not get into the hands of children!

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:

Flam. Liqu. 3 H226 Flammable liquid and vapor.
STOT SE 3 H336 May cause drowsiness and dizziness.

2.2 Label elements:

Labeling according to Regulation (EC) No. 1272/2008

Pictograms and signal word of the product:



GHS02



GHS07

Signal word: Caution

Hazard statements:

H319: Causes severe eye irritation.
H226: Flammable liquid and vapor.
H336: May cause drowsiness and dizziness.

Safety precautions:

P210: Keep away from heat / sparks / open flame / hot surfaces and other ignition sources. Do not smoke.

P243: Take precautionary measures against static discharges.



P303+P361+P353:

In case of contact with skin, or hair:

Remove all contaminated, soaked clothing immediately. Wash skin with water / shower.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in an orderly manner.

Dispose of contents / container in accordance with local / regional / national international regulations.

UFI-CODE:

Transparent all colors and colorless: W7T5-J0J9-X001-9PW4 Glass 25 and 125 ml

Section 3: Composition / information on ingredients

3.2 Mixtures:

Chemical characterization:

Synthetic resins, organic solvents, dearomatized without halogenated hydrocarbons, alcohol-soluble dyes

1-Methoxy-2-propyl acetate

CAS 108-65-6

Index 607-195-00-7

EC 203-603-9

Concentration 10 - 30%

H226

Butoxyl

CAS 4435-53-4

Index 607-202-00-3;

EC 224-644-9

Concentration 10 - 30%

1-Methoxy-2-propanol

CAS 107-98-82

Index 603-064-00-3

EC 203-064-00-3

Concentration 10 - 25%

H 226 and H 336



Section 4: First aid measures

4.1 Description of first aid measures:

General information: Seek medical advice if symptoms occur or if in doubt. Do not give anything by mouth if unconscious. If unconscious, place in recovery position and seek medical advice.

After inhalation: Remove to fresh air, keep person warm and place in recovery position. In case of irregular breathing or respiratory arrest, initiate artificial respiration.

After skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use suitable skin cleanser. Do not use solvents or thinners!

After eye contact: Remove contact lenses, keep eyelids open for at least 10 minutes and rinse copiously with clean, fresh water and seek medical advice immediately.

After ingestion: If swallowed, rinse mouth with plenty of water (only if person is conscious) and seek medical advice immediately! Keep affected person calm. Do not induce vomiting!

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

Irritant effect on skin, eyes and respiratory organs; headache, drowsiness; nausea; dizziness; impaired balance; narcosis; unconsciousness.

No further relevant information available.

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

Notes for the physician: Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media:

Carbon dioxide, extinguishing powder, sand, foam, water mist

5.2 Special hazards arising from the substance or mixture:

Transparent paint is flammable, and 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:

Cool closed containers near the source of the fire with water. Do not allow extinguishing water to enter sewers or watercourses. Do not use textiles that show dangerous melting behavior in case of fire, e.g. synthetics.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Keep away from sources of ignition and ventilate the room well. Avoid inhalation of vapors. Observe protective regulations (see sections 7 and 8).

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 liquid-binding material, such as sand, diatomaceous earth and Universal binder, wipe up small amount with rag. For disposal, collect in designated containers according to local regulations (see section 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.
- Avoid contact with skin and eyes.
- Keep away from sources of ignition.
- Avoid electrostatic charge.
- Exercise the usual care when handling chemicals (TRGS 500) and paints, and observe the appropriate rules.
- Do not inhale vapors.
- Do not spray on persons.

Advice on fire and explosion protection:

Solvent vapors are heavier than air and spread over the ground. Vapors form an explosive mixture together with air.

Fire class:

B (flammable liquids)

Temperature class:

T4

7.2 Conditions for safe storage, including any incompatibilities:

Spraying:

Do not inhale vapors. Do not spray on persons. Provide good ventilation. Spray booth: If necessary: eye protection, protective clothing, respiratory protection.

Storage:

Requirements to be met by storerooms and receptacles:

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

Keep product tightly closed in a cool place.

Avoid electrostatic charging and sparking.

Keep away from food and beverages.

Electrical equipment/appliances must comply with the locally applied state of safety technology. Storage rooms in which filling operations take place must have a conductive floor.

Storage class 3A according to TRGS 510: Flammable liquids.

7.3 Specific end use:

Transparent paint



Section 8: Exposure controls/personal protection

8.1 Control parameters:

Components with limit values that require monitoring at the workplace:

1-Methoxy-2-propylacetat:

CAS 108-65-6; AGW 50 ppm 270 mg/m³; EC ELV 100 ppm; 550 mg/m³

DNEL values: Oral 1,67 mg/kg

Dermal (Population) 54,8 mg/kg; Dermal (worker) 153,5 mg/kg

Inhalativ (Population) 33 mg/m³; Inhalativ (worker) 275 mg/m³

PNEC values:

100 mg/l STP wastewater treatment; aqua 0,635 mg/l (freshwater); 0,0635 mg/l (marine water);
sediment 3,29 mg/kg (freshwater); 0,329 mg/kg (marine water); 0,29 mg/kg (sediment)

1-Methoxy-2-propanol:

CAS 107-98-2; AGW 375 mg/m³ 100 ml/m³ 2(l), DFG, Y

DNEL-values:

Oral (population) 3,3 mg/kg bw/day;

Dermal (population) 18,1 mg/kg bw/day; Dermal (worker) 50,6mg/kg bw/day;

(Long-term- systemic effects)

Inhalativ (population) 43,9 mg/m³

Inhalativ (worker) 553,5 mg/kg (acute–local effects);

369 mg/m³ (Long-term-systemic effects)

PNEC values:

100 mg/l STP wastewater treatment; 2,47 mg/kg dw (soil) aqua 10 mg/l (freshwater)

sediment 41,6 mg/kg dw (freshwater); 4,17 mg/kg dw (marine water)

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.

For commercial processing of larger quantities: Solvent-resistant protective gloves, rubber, e.g. nitrile rubber, polychloroprene (CR), PVC, follow manufacturer's instructions, also for breakthrough times. Avoid contact with skin.

Eye protection: Safety goggles with side shields if there is a risk of eye contact.

Avoid contact with eyes.

Respiratory protection: Provide ventilation in the workplace. If workers are exposed to concentrations above the occupational exposure limit, an approved respirator suitable for this purpose must be worn. Full face mask, filter A

Personal Protective Equipment: Clothing: Cotton, natural fibers

Industrial hygiene: Change soiled, soaked clothing and clean with cold water, soap.

Wash hands with soap and water before breaks and after work.

Do not eat, drink, smoke, sniff while working. Disposable, rubber gloves have proven useful.



Section 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties:

General information:

Appearance:	liquid
Colour:	various shades
Odour:	ester-like
Odour threshold:	not determined
Boiling point:	116-173 °C*
Vapour pressure, 20°C:	1.5 mbar*
Density, 20°C:	> 1,01
Solubility in water:	not miscible
pH-value, 20°C:	not applicable
Flash point:	~+41°C
Flammability:	vapors may form flammable mixtures
Explosion limit:	lower: 0,8 Vol%* upper: 4,7 Vol%*
Viscosity:	not determined

* Literature value

9.2 Other information

The specifications are approximate values and refer to the contents of the safety-related components.

Section 10: Stability and reactivity

10.1 Reactivity:

No hazardous reactions when stored and handled as directed.

10.2 Chemical stability:

No hazardous reactions when stored in accordance with the recommended practice.

10.3 Possibility of Hazardous Reactions:

Avoid exothermic reactions to prevent flammability.

10.4 Conditions to avoid:

Hazardous decomposition products may be formed at high temperatures.

10.5 Incompatible materials:

Do not bring into contact with strong oxidizing agents.

10.6 Hazardous decomposition products:

See section 5.2. (Fire-fighting measures - Special hazards arising from the substance or mixture).



Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

ATE > 2000 mg/kg Value from calculation.

Acute oral toxicity:

No data available for the finished preparation.

LD50° oral > 2000 mg/kg rat

LD50° dermal > 2000 mg/kg rat

° Determined from raw materials of the preparation.

Skin corrosion/irritation:

ATE > 2000 mg/kg Value from calculation.

Frequent or prolonged skin contact may defat and dry out the skin, causing skin discomfort and inflammation (dermatitis).

Serious eye damage/irritation:

May be irritating to eyes.

Respiratory sensitization:

May irritate respiratory tract.

CMR effects:

(carcinogenic, mutagenic and toxic for reproduction).

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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 Repeated Exposure Toxicity:

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

Aspiration hazard:

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

Experience from own practice:

Inhalation of solvent contents above the occupational exposure limit may cause adverse health effects, such as irritation of mucous membranes and respiratory organs, damage to liver, kidneys and central nervous system. Signs include: Headache, dizziness, fatigue, muscle weakness, drowsiness and in severe cases unconsciousness. Solvents may cause some of the above effects by skin absorption. Prolonged or repeated contact with the mixture will degrease the skin and may cause non-allergic contact skin damage (contact dermatitis) and absorption through the skin. Liquid splashes may cause irritation and reversible damage to the eye. Ingestion may cause nausea, diarrhea and vomiting. Considered, if known, are delayed and immediate effects and also chronic effects of the components from short- and long-term exposure by oral, inhalation, and dermal routes of absorption and eye contact.



Section 12: Ecological information

12.1 Toxicity:

Aquatic toxicity:

EC 50 / 48 h > 500 mg/l (large water flea (Daphnia magna))

LC 50 / 96 h 100-180 mg/l (Rainbow trout (Oncorhynchus mykiss))

12.2 Persistence and degradability:

Rapid photochemical oxidation in air.

DOC - Elimination > 90 % (OECD 302 B).

Other information:

The product is easily biodegradable.

12.3 Bioaccumulative potential:

There is no evidence to suggest the occurrence of bioaccumulation.

12.4 Mobility in soil:

No further relevant information available.

Further ecological information:

AOX Note: The product does not contain organically bound halogen (AOX).

General information:

Must not be released into ground water, waters or sewage system.

Water hazard class 1 (self-classification), slightly hazardous for water according to VwVwS.

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

If further processing or recycling is not possible, dispose of in accordance with local ordinances and regulations, e.g. landfill, incineration plant.

Collection point for old paints and varnishes, e.g. recycling center.

The AVV No. depends on the application, suggestion: 08 01 11 Paint and varnish waste containing organic solvents or other hazardous substances.

Must not be disposed of together with household waste. Do not allow to enter sewage system.

Separate contaminated water via separator and dispose of in accordance with official regulations.

European Waste Catalogue

Packaging: AVV No. 15 01 07

With information in this safety data sheet, advice should be obtained from the appropriate waste authority on the classification of empty containers.

Containers that have been emptied of residues should be sent for scrap recycling or reconditioning.

Improperly emptied containers are hazardous waste (waste code number 150110).



13.1 Waste treatment methods:

Product:

AVV No. 08 01 11

If further processing or recycling is not possible, dispose of in accordance with the respective local ordinances and regulations, e.g. landfill, incineration plant.

Must not be disposed of together with household waste. Do not allow to enter drains. Separate contaminated water via separator and dispose of according to official regulations.

Liquid paint residues:

AVV No. 08 01 20

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

Packaging:

AVV No. 15 01 10

Clean empty containers can be sent for reuse, recycling. Uncleaned empty containers are to be treated as ingredients.

Empty containers must be sent for scrap recycling or reconditioning.

Containers that are not emptied properly are hazardous waste.

Section 14: Transport information

14.1 UN number: UN 1263

14.2 Proper UN Shipping Name:

DEKA-Transparent (Paint, IMO Class 3)

14.3 Transport hazard classes:

Dangerous goods according to ADR, Hazard label 3

IMDG - Code 3139

EMS No. 3-05

MFAG Table No. 310

Stowage; Category: A

14.4 Packing group: Packing group III

14.5 Environmental hazards:

For information on environmental hazards, where relevant, see 14.1 - 14.3.

14.6 Special precautions for user:

Protect from frost and heat. Keep separate from food, drink and tobacco.

**14.7 Transport in bulk according to Annex II of the MARPOL Convention
and according to the IBC Code:**

GGVSea: UN No. 1263 Paint IMO Class 3

IMDG - Code 3139 EMS No. 3-05 MFAG Table No. 310

Packaging 3



Section 15: Regulatory information

15.1 Safety, health and environmental regulations/specific

Legal regulations for the substance or mixture:

Accident categories according to 96/82/EC:

Category 6: Flammable: 5,000,000 kg to 50,000,000 kg.

Water hazard class:

WGK 2

VOC (EC) 34.56 %, 321.4 g/l

Ordinance on Flammable Liquids (VbF:) Hazard class All:

Liquids with a flash point between 21 °C and 55 °C (e.g. petroleum).

GISCODE: M-KH01 Clear lacquers / wood stains solvent thinnable, dearomatized,

VBG 23 : "Processing of paints".

M 004: "Irritant - Corrosive substances", BG Chemie

M 017: "Solvents" BG Chemie

M 053: "General occupational safety measures for handling hazardous substances".

ChemVOCFarbV, 2004/42/EC

VOC content: < 40% <410g/l

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.

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

Hazard statements referred to in sections 2 and 3:

GHS02 and GHS07: Caution.

H319 Causes severe eye irritation.

H226 Flammable liquid and vapor.

H336 May cause drowsiness and dizziness.

Precautionary statements:

P210 Keep away from heat / sparks / hot surfaces. Do not smoke.

P243 Take precautionary measures against static discharges.

P303 + P361 + P353 IF ON SKIN (or hair): Remove all contaminated or soiled clothing immediately. Wash skin with water / shower.

P403 + P233 Keep container tightly closed and store in a well-ventilated place.

P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

CLP categories from section 3

Acute toxicity 4

Water hazard 2

Water hazard 3

Toxic Aspiration 1

Eye irritation 2

Liquid flammability 3

Reproductive 2

Organic toxicity SE 3

Acute toxicity, category 4

Harmful to the aquatic environment, chronic, category 2

Harmful to the aquatic environment, chronic, category 3

Aspiration hazard, Category 1

Eye irritation, category 2

Flammable liquids, Category 3

Reproductive toxicity, Category 2

Specific target organ toxicity (single exposure), Category 3