

Material Safety Data Sheet

According to regulation 1907/2006/EG (REACH)

155246, black pigment ink

Version: 2.0 / EN
Revised: Mar 26, 2021

Printed: 07.04.2021

Section 1: Chemical Product and Company Identification

Name of the mixture: COLOP document proof ink

Application of the mixture: Inkjet Ink

Company name: BOWA GmbH
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Hölker Feld 5
42279 Wuppertal - GERMANY

Technical information: Mr. Rolf-Peter Gräf

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Section 2: Hazards Identification



This mixture has no labelling

Section 3: Composition and Information on Ingredients

Chemical characterization:

Non flammable solution of pigment and additives.

Hazardous substances contained in the mixture

Name	CAS-No.	Content (weight.-%)	Classification / Labelling	
			Hazard Label	Hazard / Protective Statements
Butyldiglycole	112-34-5	< 3 %		H319 P305+351+338
Benzyl alcohol	100-51-6	< 1 %		H302+332+319 P301+312+330 P304+340+312 P305+351+338

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Section 4: First Aid Measures

General note:

Take injured persons out of danger. If a doctor is consulted, please show this safety data sheet.

After inhalation:

Ensure fresh air. If symptoms persist, consult a physician.

After skin contact:

Remove moistened garments. Wash affected areas carefully with a mild soap and water. If irritation develops or persists, consult a physician.

Eye contact:

Do not rub eyes. Immediately with plenty of pure lukewarm water. If irritation develops or persists, consult an ophthalmologist.

After swallowing:

Rinse mouth immediately if possible. If larger amounts are swallowed, consult a physician.

Section 5: Fire and Explosion Data

The product is not flammable.

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Extinguishing media: All extinguishing media are appropriate.
Protective measures: Protective goggles, gloves and coat.

Section 6: Accidental Release Measures

Security measures related to persons:

Wear appropriate protective clothing as described in section 8.
Avoid contact with eyes and skin.

Environmental precautions:

Do not allow product to enter drains or water bodies.

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Methods for cleaning up / taking up:

Absorb with absorbent material.

Wash with water.

Section 7: Handling and Storage

Handling:

No special measures required.

Storage:

Store in a dry, cool place. Store away from foodstuffs.

No special measures necessary; Store, deliver, etc. in sealed original containers.

Do not expose to frost.

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures:

When handling chemicals the usual precautions should be taken, especially protective gloves and goggles, especially when handling larger quantities. Do not eat, drink or smoke during work. Wash hands before work breaks and at the workplace.

Section 9: Physical and Chemical Properties

Color:	black
Odor:	weak, characteristic
Phase State:	liquid
pH:	9,5
Melting point:	<0 ° C
Boiling point:	not determined
Flash point:	> 100 ° C
evaporation speed:	not determined
Ignition temperature:	not flammable
Density at 20C:	1.0 -1.1 g / cm ³
Solubility in water:	given

Section 10: Stability and Reactivity Data

All data are subject to the intended use.

Conditions to avoid:

Stable under the recommended storage conditions.

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Substances to be avoided:

Strong bases, strong acids, strong oxidizing agents.

Possible dangerous reactions:

No information available.

Hazardous decomposition products:

In the event of fire, this product may liberate carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

Section 11: Toxicological Information

Toxicological tests on the product itself:

Not available.

Section 12: Ecological Information

General ecological information:

Do not allow to enter water, waste water or soil.

Section 13: Disposal Considerations

Product (recommended):

All state and local laws are to be observed.
This material may only be disposed of by an approved disposal company.

Contaminated packaging:

Dispose of as unused product.

Section 14: Transport Information

No hazardous transport/cargo

Acc. to: ADR/RID/GGVSEB (road)
Acc. to: IMDG/GGVSee (boat)
Acc. to: ICAO/IATA (aeroplane)

Keep away from food and drink.

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Section 15: Other Regulatory Information

National regulations - EC member states

Volatile organic compounds (VOC):
<3 % by weight

Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

Section 16: Other Information

The information contained in this safety data sheet describes the safety requirements of our product and is based on the present state of our knowledge. They do not constitute a guarantee of product characteristics. Existing laws, regulations and regulations, including those not mentioned in this data sheet, are to be observed by the recipient of our products on their own responsibility.