

Material Safety Data Sheet

According to Regulation (EC) No.1907/2006

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Section 1: Identification of the product and the company/undertaking

1.1 Product identifier

Product name: Ink for ink pad black in stamp sets

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Stamping ink for crafting

1.2.2 Uses advised against:

No advise against other uses

1.3 Details of the supplier of the safety data sheet

Rico Design GmbH & Co. KG

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Germany

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sds@rico-design.de

1.4 EMERGENCY TELEPHONE

TEL: +49 (0)5251 2882 500 - during office opening times from 9am – 4pm

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP):

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

Not applicable

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

Section 3: Composition/information on ingredients

3.1 Substances

No applicable

3.2 Mixtures

Ink for black stamp pads

Name	CAS NO	Classification	% (w/w)
Propane-1,2-diol	57-55-6	Not classified	48
Glycerol	56-81-5	Not classified	35
Lanolin	8006-54-0	Not classified	8
Brilliant Blue	3844-45-9	Not classified	1,8
C.I. Acid Yellow 3	8004-92-0	Not classified	3,8
Sodium dioctyl sulfosuccinate	1639-66-3	Acute Tox. 4, H302	1
Disodium 2-(2,4,5,7-tetraiodo-6-oxido-3-oxoxanthen-9-yl)benzoate	16423-68-0	Aquatic Chronic 2, H411 Acute Tox. 4, H302	2,4
		Total:	100

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

Skin contact: Wash affected area with soap and water. Get medical attention if irritation develops or persists

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Ingestion: Move victim to fresh air, if not breathing, give artificial respiration, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ(e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin contact:

Skin contact is not thought to have harmful health effects (as classified under EC Directives) the material still produces health damage following entry through wounds lesions or abrasions.

Eye:

Although the material is not thought to irritant (as classified under EC Directives), direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models). Nevertheless exposure by all routes should be minimized as a matter of course.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention and treat symptomatically.

Section 5: Firefighting measures**5.1 Extinguishing media:**

Foam
Dry chemical powder
BCF (where regulations permit).
Carbon dioxide
Water spray or fog-Large fire only

5.2 Special hazards arising from the product

No data available

5.3 Advice for fire-fighters

Alert fire Brigade and tell them location and nature of hazard
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water courses.
Use water delivered as a fine spray to control fire and cool adjacent area.
Do not approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location
Only when safe to do so, remove containers from path of fire.

Section 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

Wear chemical goggles and chemical resistant gloves

6.1.2. For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2 Environmental precautions:

Take precautions to prevent entry into waterways, sewers, or surface drainage systems.
Dispose according to local or international regulations.

6.3 Methods and material for containment and cleaning up

Use appropriate tools to put the splash liquid in suitable container for recovery or disposal.

6.4 Reference to other sections

Refer to section 8 for Protective Equipment advice.

Section 7: Handling and storage

7.1 Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1. Storage conditions: Keep from freezing, store in a cool, dry place, Keep containers tightly closed.

7.2.2. Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2.1, no other specific uses are stipulated

Section 8: Exposure controls/personal protection

8.1 Control parameters

No special control measure necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary under normal conditions of use.

8.3 Exposure Guidelines

None established

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Color:	black
Odor:	No data available
PH:	6-9
Melting point/freezing point (°C):	No data available
Initial boiling point/boiling range:	No data available
Flash point (°C):	224.1±27.8°C
Vapor pressure:	No data available
Vapor density (g/cm ³) :	No data available
Water solubility:	No data available
Partition coefficient:	No data available
Auto-ignition temperature (°C):	No data available
Flammability:	449°C
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available
Surface tension:	No data available
Viscosity(mm ² /s)	No data available

9.2 Other information:

No data available

Section 10: Stability and Reactivity

10.1 Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

10.2 Chemical stability

Stable under normal storage conditions

Section 11: Toxicological Information

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 4090 mg/kg [Mouse]. Acute dermal toxicity (LD50): 10000 mg/kg [Rabbit]. Acute toxicity of the mist (LC50):>570 mg/m³ 1 hours [Rat].

Chronic Effects on Humans: May cause damage to the following organs: kidneys.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:

TDL (rat) - Route: Oral; Dose: 100 mg/kg 1 day prior to mating. TDL (human) - Route: Oral; Dose: 1428 mg/kg

Special Remarks on Chronic Effects on Humans:

Product is transferred across the placenta in small amounts. May cause adverse reproductive effects based on animal data (Paternal Effects (Rat): Spermatogenesis (including genetic material, sperm morphology, motility, and count), Testes, epididymis, sperm duct). May affect genetic material.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Low hazard for normal industrial handling or normal workplace conditions. Skin: May cause skin irritation. May be absorbed through skin Eyes: May cause eye irritation with stinging, redness, burning sensation, and tearing, but no eye injury. Ingestion: Low hazard. Low toxicity except with very large doses. When large doses are ingested, it can cause gastrointestinal tract irritation with thirst (dehydration), nausea or vomiting diarrhea. It may also affect behavior/central nervous system/nervous system (central nervous system depression, general anesthetic, headache, dizziness, confusion, insomnia, toxic psychosis, muscle weakness, paralysis convulsions), urinary system/kidneys (renal failure, hemoglobinuria), cardiovascular system (cardiac arrhythmias), liver. It may also cause elevated blood sugar. Inhalation: Due to low vapor pressure, inhalation of the vapors at room temperature is unlikely. Inhalation of mist may cause respiratory tract irritation. Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion may affect the blood(hemolysis, changes in white blood cell count), endocrine system (changes in adrenal weight), respiratory system, and may cause kidney injury.

Section 12: Ecological Information

12.1 Ecotoxicity: Ecotoxicity in water (LC50): 58.5 ppm 96 hours [Trout].

12.2 BOD5 and COD: Not available.

12.3 Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

12.4 Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

12.5 Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

Section 14: Transport Information

General: The substance is not a subject to transport regulations on hazardous goods included in ADR(road transport),RID(rail transport), IMDG (marine transport) and ICAO/IATA(air transport).

14.1 UN number

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material

ICAO/IATA: Non-regulated Material

14.2 Proper shipping name

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material

ICAO/IATA: Non-regulated Material

14.3 Transport hazard class(es)

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material

ICAO/IATA: Non-regulated Material

14.4 Packing group

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material

ICAO/IATA: Non-regulated Material

14.5 Environmental hazards

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material

ICAO/IATA: Non-regulated Material

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

Section 15: Regulatory Information

15.1 U.S. Federal Regulations:

SARA Title III Rules

Section 313 – Toxic Chemical Release Inventory (TRI): None

15.2 U.S. State Regulations:

All ingredients of this product do not appear on the following state Right-To-Know Lists: Washington, WAC 173-334-130 (CHCC), certified on 02/20/2023

Chemicals of High Concern to Children, published by Department of Health, Vermont, rev date 02/01/2022

High Priority Chemicals of Concern for Children's Health, Oregon, updated on January 1, 2022

California Proposition 65, updated on December 29, 2023

Chemicals of Concern, published by Maine DEP on July, 2015

Section 16: Other Information

Ink conforms to EN71 Part 3.

Compliant with Regulation (EC) No.1907/2006&1272/2008

• User's Responsibility

Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

• Disclaimer

Except that the product shall conform to contracted specifications. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.