

40305-XXXX

# Water-Soluble Block Printing Ink

## SAFETY DATA SHEET (SDS)

Version: 03

Date of Issue: September 22, 2023

According to: Regulation (EC) No. 1272/2008

Regulation (EC) No. 1907/2006

### Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

Product Name:

Water-Soluble Block Printing Ink (Black, Red, Blue, White, Green, Yellow, Brown, Orange, Violet, Turquoise, Magenta, Light Red, Dark Yellow, Gold, Silver, Pewter, Copper, Platinum White, Fluorescent Lime Green, Fluorescent Hot Pink, Fluorescent Orange, Fluorescent Magenta, Fluorescent Yellow, Fluorescent Blue, Process Cyan, Process Magenta, Process Yellow, Pearlescent Base, Retarder, Extender, Cornsilk, Leaf Green, Bluestone)

Product sizes:

37 mL (1.25 fl. oz.), 75 mL (2.5 fl. oz.), 148 mL (5 fl. oz.), 237 mL (8 fl. Oz)

Other Means of Identification:

None known

Product Description:

Coloured liquid ink formulations intended for arts and crafts purposes.

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

Relevant identified use(s): The product is intended for general (adults) arts and crafts purposes.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Business Phone:

Email:

#### 1.4 Emergency telephone number

Emergency Telephone: Transportation emergencies only: Infotrac 1-352-323-3500

### Section 2 – Hazard(s) Identification

#### 2.1. Classification of the substance or mixture

According to: Regulation (EC) No 1272/2008 [CLP]

	Health	Environment	Physical
Classification according to Regulation (EC) No 1272/2008 [CLP]	Not classified	Not classified	Not classified
SCL and/or M-factor	N/A	N/A	N/A
Classification Procedure	N/A	N/A	N/A

#### 2.2. Label elements

#### 2.2. Label elements

Label Pictogram: None

Signal Word: None

Hazard Statement: None

Precautionary Statement: None

Supplemental Hazard Information: None

Page 1 of 10

as necessary to minimize contact. Do not wear rings, watches or jewelry. Do not eat, drink or smoke while handling the material.

Industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should be removed from the workplace and should be washed before reuse. When using the product, do not eat, drink or smoke.

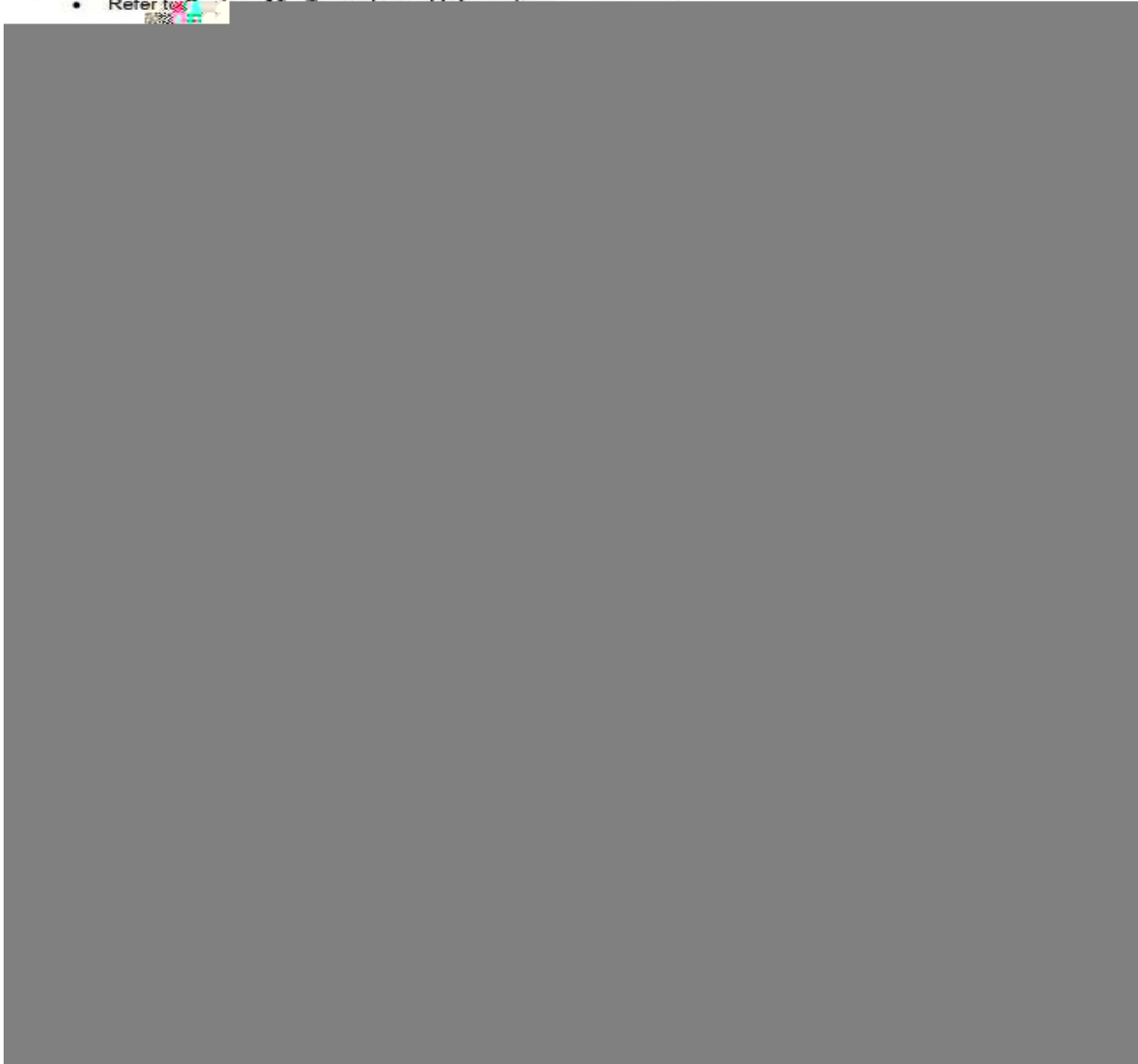
**Thermal Hazards:** None known.  
**Environmental Exposure Controls:** Not available.  
**Hygiene measures:** Observe good hygiene practices. Do not eat, drink or smoke while handling the product.



**Ingestion:** No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

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

- Refer to GHS 07: Exclamation mark for more information.



**7.2 Conditions for safe storage, including any incompatibilities**

- Keep container ti



**Section 9 – Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

Note: The data below are typical values and do not constitute a specification.

<b>Appearance:</b>			
<b>Physical state:</b>	Liquid	<b>Partition Coefficient</b>	
<b>Colour:</b>	See Section 1.1	<b>n-octanol/water:</b>	Not available
<b>Odour/Odour threshold:</b>	Not available	<b>Auto-ignition temperature:</b>	Not available

**9.2.2 Other Safety Characteristics**

<b>Mechanical sensitivity</b>	Not available
<b>Self-accelerating polymerisation temperature</b>	Not available
<b>Formation of explosible dust/air mixtures</b>	Not available
<b>Acid/alkaline reserve; (e) evaporation rate</b>	Not available
<b>Miscibility</b>	Not available
<b>Conductivity</b>	Not available
<b>Corrosiveness</b>	Not available
<b>Gas group</b>	Not available
<b>Redox potential</b>	Not available
<b>Radical formation potential</b>	Not available
<b>Photocatalytic properties</b>	Not available

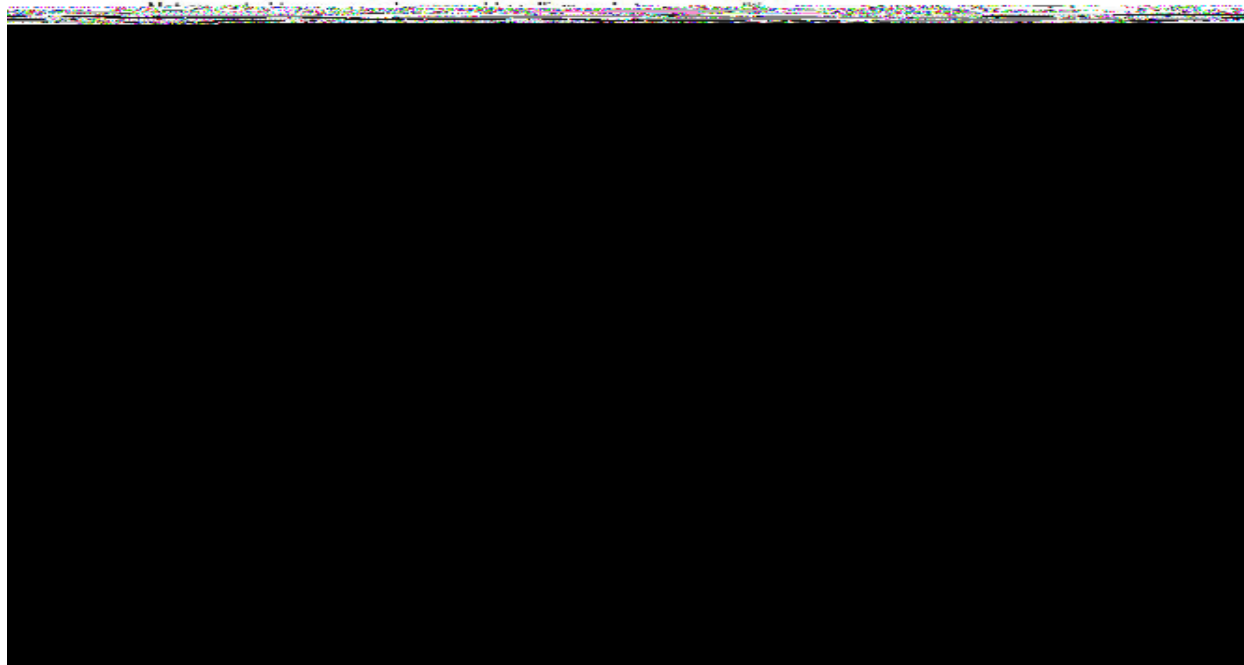
## Section 10 – Stability and Reactivity

**10.1 Reactivity**

- This material is not considered to be reactive under normal handling and storage conditions.

**10.2 Chemical stability**

- This material is considered stable under normal handling and storage conditions.

**10.3 Possibility of hazardous reactions**

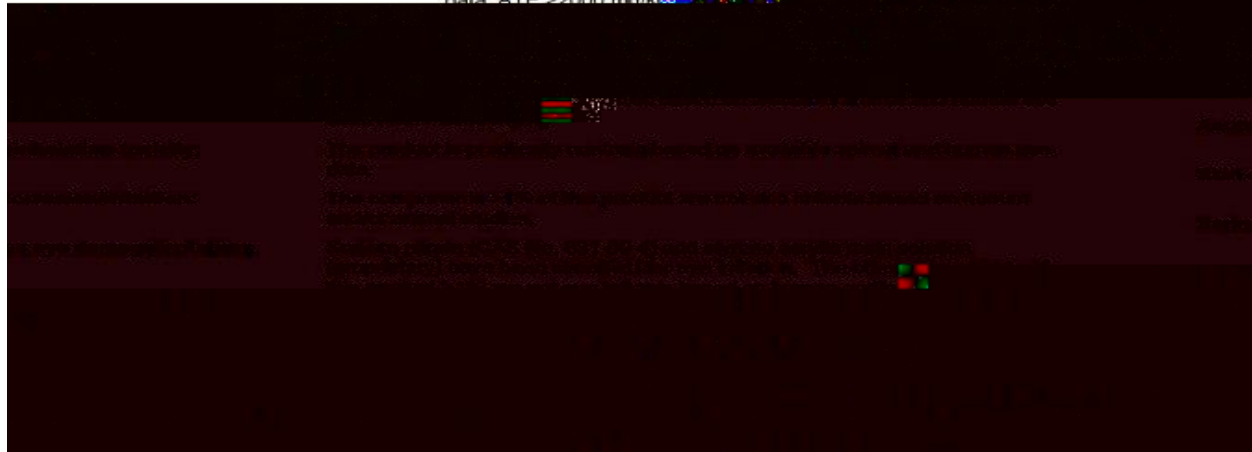
Section 11 – Toxicological Information

Likely routes of exposure: Skin contact.

Potential signs and symptoms: None expected under conditions of normal use.

Acute oral toxicity: The product is practically non-toxic based on available animal and human use data. ATE >2000 mg/kg

Acute dermal toxicity: The product is practically non-toxic based on available animal and human use data. ATE >2000 mg/kg



**Sensitization:** The components in this product >0.1% are not eye irritants based on human and/or animal studies. The components in the product >0.1% are not sensitizing to the skin based on human and/or animal studies. The components in the product >0.1% are not mutagenic based on animal studies or no data identified for the components in this product. Respirable titanium dioxide (CAS No. 13463-67-7) (airborne, unbound particles of respirable size) is listed in Group 2B by IARC. Respirable crystalline silica (CAS No. 14808-60-7) (listed as silica dust, crystalline, in the form of quartz or cristobalite) is listed in Group 1 by IARC. Titanium dioxide and crystalline silica are also listed as carcinogens by NTP and ACGIH. The other components in the product >0.1% are not carcinogenic based on animal studies or no data identified for the components in this product. Propylidyntrimethanol (CAS No. 77-99-6) is classified for reproductive toxicity. The other components in the product >0.1% are not reproductive toxicants based on animal studies or no data identified for the components in this product.

**Toxicity** The components in the product >1% are not specific target organ toxicity (single exposure) toxicants based on animal studies or no data identified for the components in this product.

**Toxicity** The components in the product >1% are not specific target organ toxicity (repeated exposure) toxicants based on animal studies or no data identified for the components in this product.

Distillates petroleum hydrotreated light (CAS No. 64742-47-8) is classified for aspiration toxicity. The other components in the product >1% are not aspiration hazards based on animal studies or no data identified for the components in this product.

Respiratory or skin sen

Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:

Specific target organ to (single exposure):

Specific target organ to (repeated exposure):

Aspiration hazard:

Other hazards

11.2 Information on ot

**References:**

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database. <https://echa.europa.eu/search-for-chemicals>  
 IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>  
 NTP (National Toxicology Program). 2023. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. <https://ntp.niehs.nih.gov/go/roc14>

**Section 12 – Ecological Information****12.1 Toxicity**

- This product is not expected to be harmful or toxic to aquatic life.

**12.2 Persistence and degradability**

- No data available for the other components of the product.

**12.3 Bioaccumulative potential**

- No data available.

**12.4 Mobility in Soil**

- No data available.

**12.5 Results of PBT and vPvB assessment**

- No data available.

**12.6 Other adverse effects**

- No further data available.

**Section 13 – Disposal Considerations****13.1 Waste treatment methods**

**Preparing wastes for disposal:** Use product for its intended purpose or recycle if possible. Dispose of waste in accordance with local, regional, national, and/or international regulations. The empty container has residues which may exhibit hazards of the product.

**Contaminated Packaging:** Container packaging is not expected to exhibit hazards.

**Section 14 – Transport Information**

Note: This product is not regulated as dangerous goods for transport.

<b>14.1 UN number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es):</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	None
<b>14.6 Special precautions for user</b>	None
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable



## Section 15 – Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in **Section 3**.

#### European Union

**Seveso Directive (2012/18/EU):** Ammonia (CAS No. 7664-41-7), ethylene oxide (CAS No. 75-21-8), propylene oxide (CAS No. 75-56-9), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), and nickel (CAS No. 7440-47-3) are listed. Formaldehyde (CAS No. 50-00-0) (listed as formaldehyde, concentration  $\geq 90\%$ ) is listed; however, does not meet concentration requirement and therefore this listing does not apply. No other components in this product are listed.

**Regulation (EC) No. 1005/2009, Annex I and II:** No components in this product are listed.

**Regulation (EC) No. 689/2008, Annex I, Parts I-III:** Ethylene oxide (Oxirane) (CAS No. 75-21-8), hexachlorobenzene (CAS No. 118-74-1), arsenic (CAS No. 7440-38-2), cadmium (CAS No. 7440-43-9), and mercury (CAS No. 7439-97-5) are listed. No other components in this product are listed.

**Regulation (EU) No. 2019/1021, Annex I:** No components in this product are listed.


#### Germany:

**Wassergefährdungsklasse (water hazard class):** WGK 1 – Schwach wassergefährdend.

#### International:

**IARC:**  **Note:** Consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

#### **Respiratory:**

Under normal conditions of use, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with a 

### Section 16 – Other Information

**List of acronyms and abbreviations:**

ACGIH: American conference of Governmental Hygienists	OSHA: Occupational Safety and Health Administration
ATE: Acute Toxicity Estimate	PBT: Persistent, Bioaccumulative and Toxic
CAS: Chemical Abstract Service Number	PEL: Permissible Exposure Level
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	PPE: Personal Protective Equipment
DFG MAK: Deutsche Forschungsgemeinschaft Maximale Arbeitsplatz-Konzentration	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EC: European Commission	REL: Recommended exposure level
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
GHS: Global Harmonized System	TLV: Threshold limit value
HEPA: High Efficiency Particulate Air	TWA: Time-weighted average
IARC: International Agency for Research on Cancer	UN: United Nations
IBC: International Bulk Chemical	vPvB: very Persistent, very Bioaccumulative
MARPOL: Maritime Pollution	WGK: Wassergefährdungsklasse
NIOSH: National Institute for Occupational Safety & Health	

**References:**

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database. <https://echa.europa.eu/search-for-chemicals>  
 IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>  
 NTP (National Toxicology Program). 2023. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. <https://ntp.niehs.nih.gov/go/roc14>

**Disclaimer:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Revision Indicator:** This is a 2nd revision Safety Data Sheet.

**Creation Date:** February 11, 2022

**Revision Date:** September 22, 2023