

SAFETY DATA SHEET

According to Regulation (EC) No. 1097/2006 - Annex II

Revision date: 25/07/2022

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Version: 1.0

1. IDENTIFICATION

1.1 Product identifier

Texjet Inks BLACK

1.2 Other means of identification

Product No: TIP104K

Water Based Textile Ink: Black

1.3 Recommended use and restriction on use

Recommended use: Inkjet printing onto textiles.

Restrictions on use: Not known.

1.4 Manufacturer/Importer/Supplier/Distributor Information

POLYPRINT SA

Address: 7th km SIMMACHIKI STR. - OREOKASTROU,
PC 57013, PO BOX 130 THESSALONIKI, GREECE

Telephone: (+30) 2310 545 087, 2310 949 366, 2310 246 418

1.5 Emergency telephone number

Call your local emergency number

2 HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302

Repr. 1B H360

2.2. Label elements

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

Hazard pictograms (CLP):



GHS07



GHS08

Signal word (CLP)	Warning
Hazardous ingredients	Ethylene glycol, 1-methyl-2-pyrrolidone
Hazard statements (CLP)	H302 - Harmful if swallowed H360 - May damage fertility or the unborn child
Precautionary statements (CLP)	P261 Avoid breathing dust/fume/gas/mist/vapors/spray P280 Wear protective gloves/protective clothing/eye protection/face protection P301 + P312 If Swallowed: Call a Poison Center or doctor/physician if you feel unwell P333 + P313 If skin irritation or rash occurs: Get medical advice/attention P337 + P313 If eye irritation persists: Get medical advice/attention

2.3. Other hazards

This mixture does not meet the PBT criteria of REACH, annex XIII

This mixture does not meet the vPvB criteria of REACH, annex XIII

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name(s) or Synonyms	Material CAS Number	Concentration %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethylene Glycol	107-21-1	1 - 10%	Acute Tox. 4 (oral). H302
Glycerol	56-81-5	1 - 10%	Not classified
Pigment	N/A	10-25%	Not classified

Composition Comments: Non-listed components are not hazardous or are below required disclosure limits.

The above products are compliant to REACH registrations' obligations (EC) No. 1097/2006 - Annex II and OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200)

4 FIRST-AID MEASURES

General information: Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Eye contact may cause eye irritation with discomfort, tearing or blurring of vision. Repeated skin exposure to large quantities may result in absorption of harmful amounts. Wash thoroughly after handling.

ADDITIONAL HEALTH EFFECTS

Since this mixture has not been tested as a whole to determine the hazards by all routes of exposure, information is provided for each hazardous component of the mixture to meet requirements of OSHA's Hazard Communication Standard (29 CFR 1910.1200). The effects noted occur from exposure to the pure component unless otherwise noted.

INFORMATION FOR COMPONENTS

- **Eye Contact**
May cause eye corrosion with corneal or conjunctival ulceration.
 - **Skin Contact**
May cause skin irritation with discomfort or rash.
 - **Inhalation**
May cause irritation of the upper respiratory passages with coughing and discomfort. May cause respiratory disorders (sensitization). Persons with sensitive airways may react to vapors.
 - **Ingestion**
Ingestion may cause methemoglobinemia (reduced oxygen carrying capacity of the blood) with headache, weakness or cyanosis (bluish discoloration of the skin) possibly progressing to dizziness, incoordination, shortness of breath, increased pulse rate and loss of consciousness. May cause throat irritation.
 - **Carcinogenicity Information**
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as carcinogens.
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5. FIRE FIGHTING MEASURES

- **Flash Point:** >95°C (>203 °F)
- **Auto ignition:** N/A
- **Flammability:** Not self-igniting
- **Suitable extinguishing media:** Water spray, dry extinguishing media, foam
- **Protective equipment for fire-fighting:** Firefighters should be equipped with self-contaminated breathing apparatus and turn-out gear.
- **Further information:** Contaminated extinguishing water must be disposed of in accordance with official regulations
- **General Fire Hazards:** In case of fire and/or explosion do not breathe fumes.
- **Suitable (and unsuitable) extinguishing media:**
 - **Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.
 - **Unsuitable extinguishing media:** None.
- **Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.
- **Special protective equipment and precautions for firefighters**
- **Special fire fighting procedures:** Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Cool containers exposed to flames with water until well after the fire is out.
- **Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. FIRST-AID MEASURES

- **Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
 - **Eyes:** Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air.
 - **Ingestion:** If swallowed, contact a physician immediately. Induce vomiting after giving two glasses of water. Never give anything by mouth to an unconscious person.
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7. HANDLING AND STORAGE

- **Precautions for safe handling:** Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Wash hands thoroughly after handling.
 - **Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated place away from incompatible materials. Do not breathe heated vapor or dust. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Keep container tightly closed.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

- **Occupational Exposure Limits:** None of the components have assigned exposure limits.
- **Appropriate Engineering Controls:** No data available.
- **Individual protection measures, such as personal protective equipment**
- **General information:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
- **Hygiene measures:** Provide eyewash station and safety shower. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

PERSONAL PROTECTIVE EQUIPMENT

- **Eye/Face Protection**
Wear safety glasses. Wear coverall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of the material.

- **Respirators**
Respirators are not needed with proper ventilation. Wear an approved respirator (e.g., an organic vapor respirator or a self-breathing apparatus whenever exposure to aerosol, mist, spray, fume or vapor exceed the exposure limit(s) of any chemical substance listed in this SDS.
- **Protective Gear**
If there is potential for significant dermal contact wear appropriate impervious clothing and gloves.
- **Applicable Exposure Limits and Exposure Data**
 PEL (OSHA): None Established
 TLV (ACGIH): None Established
 AEL *(Internal): 5 mg/m³, 8 Hr. TWA, total dust
 LD50 (rat, oral): 3,900 mg/kg (supplier)
 LC50 (rat, inhalation/4 hr.): No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Solubility in Water	Miscible
pH	7 – 8.7
Form	Liquid
Color	Black
Odor	Odorless
Odor threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability (solid, gas):	No data available
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available
Flammability limit - lower (%):	No data available
Explosive limit - upper (%):	No data available
Explosive limit - lower (%):	No data available
Vapor pressure	No data available
Vapor density	No data available
Solubility in water	No data available
Solubility (other)	No data available
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

- **Reactivity**
No dangerous reaction known under conditions of normal use.
 - **Chemical Stability**
Material is stable under normal conditions.
 - **Possibility of Hazardous Reactions**
Hazardous polymerization does not occur.
 - **Conditions to Avoid**
Contact with incompatible materials.
 - **Incompatible Materials**
Strong oxidizing agents.
 - **Hazardous Decomposition Products**
Nitrogen Oxides of Carbon.
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11. TOXICOLOGICAL INFORMATION

- **Information on likely routes of exposure**
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled.
Skin Contact: May cause irritation.
Eye contact: May irritate eyes.
- **Information on toxicological effects**
Acute toxicity (list all possible routes of exposure).
Oral Product: No data available.
Dermal Product: No data available.
Inhalation Product: No data available.
- **Skin Corrosion/Irritation Product**
May cause skin irritation
- **Serious Eye Damage/Eye Irritation Product**
May irritate eyes
- **Respiratory or Skin Sensitization Product**
Not a skin sensitizer.
- **Carcinogenicity**
This substance has no evidence of carcinogenic properties.
- **IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**
No carcinogenic components identified.
- **US. National Toxicology Program (NTP) Report on Carcinogens:**
No carcinogenic components identified.

- **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

No carcinogenic components identified.

- **Germ Cell Mutagenicity**

In vitro Product: No mutagenic components identified.

In vivo Product: No mutagenic components identified.

- **Reproductive Toxicity Product**

No components toxic to reproduction.

- **Specific Target Organ Toxicity - Single Exposure Product**

No data available.

- **Specific Target Organ Toxicity - Repeated Exposure Product:**

No data available.

- **Aspiration Hazard Product:**

Not classified.

- **Other Effects**

None Known.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Acute hazards to the aquatic environment:

- **Fish Product:**

No data available.

- **Aquatic Invertebrates Product:**

No data available.

Chronic hazards to the aquatic environment:

- **Fish Product:**

No data available.

- **Aquatic Invertebrates Product:**

No data available.

- **Toxicity to Aquatic Plants Product:**

No data available.

PERSISTENCE AND DEGRADABILITY

- Biodegradation Product: There are no data on the degradability of this product.

- BOD/COD Ratio Product: No data available.

BIOACCUMULATIVE POTENTIAL

- **Bioconcentration Factor (BCF) Product**

No data available on bioaccumulation.

- **Partition Coefficient n-octanol / water (log Kow) Product:**

No data available.

- **Mobility in Soil:**
The product is water soluble and may spread in water systems.
- **Other Adverse Effects**
Toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

15. REGULATORY INFORMATION

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

15.1.1 EU Regulations

Contains no REACH Annex XVII (REACH Regulation (EC) No 1907/2006) restricted substances

Contains no REACH candidate substanceContains no REACH Annex XIV substances

15.1.2 USA Regulations

Regional legislation (USA): All chemical substances contained in this product are and had been listed on the TSCA Chemical Substances Inventory, and none is subject to any of the following TSCA requirements: section 4 test rules; proposed or final section 5(a)(2) significant new use rules; section 5(e) consent orders; section 8(a) preliminary assessment information rules; and section 8(d) health and safety data reporting rules.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

16 OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

NFPA Hazard ID

1	Flammability
1	Health
1	Reactivity
0	Special hazard

HAZZARD RATING: 0 – Minimal | 1 - Slight | 2 - Moderate | 3 - Serious | 4 – Severe

Issue Date: 3/3/2022

Revision Date: No data available

Version #: 3.0

Further Information: No data available.

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.