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## **MATERIAL SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

Product name : Flipchart Marker Ink  
Product code : FPW 13xx Color/CE, SWM 14xx Color/CE  
Product Description : Colored liquid  
Intended use : Flipchart markers  
Company : Eastpoint Global Limited

Address : Minerva House, Galahad Road, Gorleston, NR31 7RU

Emergency Telephone No : 111 / 999 or  
01502 525555 during working hours (Mon-Fri 8:30-4:30)

### **2. HAZARDOUS IDENTIFICATION**

#### **LABEL ELEMENTS**

##### **Pictogram:**

None

**Signal Word:**                      **Warning**

##### **Hazard statement:**

H320 Causes eye irritation

##### **Precautionary Statement:**

###### **\* Prevention**

P264 Wash ... thoroughly after handling.

###### **\* Emergency Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

**\* Disposal:**                              Not application

### **3. COMPOSITION/ CHEMICAL CHARACTERIZATION**

#### **Substances**

Not applicable

#### **Mixture**

Hazardous

Ingredients:

Substance	Glycerin
Cas Number	56-81-5
Amount of Ingredients	<10%
Substance	Propylene Glycol
Cas Number	107-21-1
Amount of Ingredients	<15%
Substance	1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
Cas Number	6440-58-0
Amount of Ingredients	<0.23%

Substance	1-(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
Cas Number	27636-82-4
Amount of Ingredients	<0.05%

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#### **4. FIRST AID MEASURES**

**General information** : Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**Eye Contact** : IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If eye irritation persists, Get medical advice/ attention.

**Skin Contact** : If skin irritation occurs, Get medical advice/ attention.

**Inhalation** : Remove to fresh air. If not breathing, give artificial respiration.  
If breathing is difficult, give oxygen.  
: Get medical attention immediately.

**Ingestion** : If swallowed, wash out the mouth. Never give anything by mouth to an unconscious person.  
: Get medical attention immediately.

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#### **5. FIRE-FIGHTING MEASURES**

**Fire Fighting** : Remove all sources of ignition and extinguish with the designated extinguisher.

**Extinguish Media** : Water spray, foam, dry chemical powder, carbon dioxide.

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#### **6. ACCIDENTAL RELEASE MEASURES**

**In case of small quantity** : Wipe with the materials such as waste cloth.

**In case of large quantity** : Pick up to the container after leading to the safer place by using sand, earth, other appropriate barriers.  
: Prevent from spreading or entering drains, ditches or rivers.

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#### **7. HANDLING AND STORING**

Stored in cool dry place, keep container tightly closed. Do not inhale the substance and avoid contact with the skin or eyes. Wear protective clothing when handling open containers; avoid environmental pollution by handling the product carefully. Wash after handling. Use only with adequate ventilation.

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#### **8. EXPOSURE CONTROL/ PERSONAL PROTECTION**

Respiratory Protection:	Local exhaust ventilation. Air purifying respirator
Hand Protection:	Rubber gloves
Eye Protection:	Safety goggles
Skin Protection:	Impervious clothing

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#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance:	Viscous liquid
- Color:	Colored liquid
- Odor:	odorless

- Viscosity:	
- Specific gravity:	1.0 g/ml
- pH:	6.5-8.5
- Boiling point:	Approx. 100°C
- Melting point:	No data available
- Flash point:	No data available
- Upper/lower flammability or explosive limits:	, Not availalbe
- Vapor density:	No data available
- Vapor pressure:	2.3 kPa
- Self ignition temperature:	No data available
- Explosive properties:	Not availalbe
- Oxidizing properties:	Not availalbe

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## **10. STABILITY AND REACTIVITY:**

Stability and reactivity:	stable under normal condition of storage and use
Hazardous reaction:	none
Hazardous decomposition products:	none
Condition to avoid:	Heat, flames and sparks

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## **11. TOXICOLOGICAL INFORMATION:**

### **Toxicological Data on Ingredients:**

- Acute toxicity

	Glycerin
LD50 to Oral:	4090 mg/kg (Mouse)
LD50 to Inhalation:	570 mg/m <sup>3</sup> 1 hours (Rat)
LD50 to Dermal:	No data available
	Propylene Glycol
LD50 to Oral:	Rat: LD50: (mg/kg): 30000
LD50 to Inhalation:	no data available
LD50 to Dermal:	Rat LD50: (mg/kg): 10000
	1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
LD50 to Oral:	LD50 (rat, oral) for Glycoserve II - 2890mg/kg
LD50 to Inhalation:	no data available
LD50 to Dermal:	The LD50 Dantoin DMH 20000mg/kg
	1-(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
LD50 to Oral:	No data available
LD50 to Inhalation:	No data available
LD50 to Dermal:	No data available

## **12. ECOLOGICAL INFORMATION:**

- Ecotoxicity:

	Glycerin
Toxicity to fish:	No data available
Toxicity to daphnia and other aquatic invertebr...	No data available
Toxicity to algae:	no data available
	Propylene Glycol
Toxicity to fish:	Fish: (mg/L): 100 mg/L
Toxicity to daphnia and other aquatic invertebr...	48 Hr: Crustacea: Daphnia magna: (mg/L): 10000
Toxicity to algae:	no data available
	1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
Toxicity to fish:	No data available
Toxicity to daphnia and other aquatic invertebr...	No data available
Toxicity to algae:	No data available
	1-(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
Toxicity to fish:	No data available

Toxicity to daphnia and other aquatic invertebr...  
Toxicity to algae:

No data available  
No data available

- Persistence and Degradability: no data available
- Bioaccumulative potential: no data available
- Mobility: Likely mobile in the environment due to its water solubility

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### **13. DISPOSAL CONSIDERATIONS:**

Ensure that disposal is in compliance with local, national regulations.

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### **14. TRANSPORT INFORMATION:**

#### **14.1 UN Number**

DOT (US): N/A      AIR (IATA): N/A      SEA (IMDG): N/A      LAND (ADR/RID): N/A

#### **14.2 UN Proper Shipping Name**

DOT (US)/IATA: Not dangerous goods

IMDG/ARD/RID: Not dangerous goods

#### **14.3 Transport Hazard Class(es)**

DOT (US): N/A      IATA: N/A      IMDG: N/A      ADR/RID: N/A

#### **14.4 Packing Group**

DOT (US): N/A      IATA: N/A      IMDG: N/A      ADR/RID: N/A

#### **14.5 Environmental Hazards**

DOT (US): None      IATA: None      IMDG: None      ADR/RID: None

#### **14.6 Special Precautions for User**

None

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### **15. REGULATORY INFORMATION:**

Information of Regulations: no data available

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### **16. OTHER INFORMATION:**

#### **Uses and Restrictions**

: Use only in industrial manufacturing processes.

#### **Disclaimer**

: The information in this document is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.