



# Safety Data Sheet

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## 1. Identification of the Substance/Preparation and the Company Undertaking

### GHS Product Identifier

**Product Name** Bleed-Through Ink Marker - Blue

### Other Means of Identification

**Part Number** 01501

**Colors:** Blue

**Formula Code** SKM

**Synonyms** Super Met-AI Bleed-Thru Ink Marker, Solvent based marker

### Recommended use of the chemical and restrictions on use

**Recommended Use** marking pen

**Uses Advised Against** No information available

### Supplier's Details

#### **Supplier Address**

SKM Industries Inc.  
1012 Underwood Road  
Olyphant, Pa 18447  
Telephone: 570-383-3062

### Emergency Telephone Number

Chemtrec US 800-424-9300 International 703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200). The marking pen contains from 13 to 20 ml of liquid. The liquid contents are only released in a controlled manner when the tip of the pen is pressed. No free liquid is present under normal conditions of use.

### GHS Label Elements, including precautionary statements

#### Emergency Overview

**Signal Word** – Danger

**Hazard Statements** –

Skin irritation

Eye irritation

Respiratory irritation

May be harmful if swallowed

Harmful if inhaled

May cause drowsiness or dizziness  
Flammable liquid and vapour  
Toxic to aquatic life



**Appearance** – Opaque, Blue  
**Physical state**- liquid  
**Odor** – Petroleum Odor

### **Precautionary Statements**

#### **Prevention**

Do not handle until all safety precautions have been read and understood  
Keep container tightly closed  
Avoid breathing dust/vapors/fumes  
Wash face and hands and any exposed skin thoroughly after handling  
Wear protective gloves/clothing/eye protection/face protection  
Use personal protection as required  
Keep away from heat, sparks, open flame  
No smoking  
Use in a well-ventilated area  
Store in well ventilated place  
Keep tightly closed  
Avoid release to the environment

#### **General Advice**

If exposed or concerned: get medical attention/advice

**ACUTE HAZARD:** At high concentration, dizziness and drowsiness may occur.

**CAUTION:** Contains Aromatic Hydrocarbon, Xylene, and Ethyl Benzene. Harmful or fatal if swallowed.

May cause genetic defects or cancer. Direct contact may cause skin or eye irritation.

**KEEP OUT OF REACH OF CHILDREN.**

#### **Eyes**

Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If irritation persists seek medical attention/advice.

#### **Skin**

Remove contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention/advice.

#### **Inhalation**

Remove patient to fresh air and keep at rest in a comfortable position for breathing. Seek medical attention immediately. Deliberate concentration and inhalation can be harmful or fatal.

#### **Ingestion**

If accidentally swallowed seek medical attention immediately. Do not induce vomiting.

#### **Fire**

Use CO<sub>2</sub>, dry chemical, alcohol-resistant foam, water fog

#### **Spills and Leaks**

Contain and collect spillage. Large spills of this product are unlikely due to product form. If marking pen leaks, wipe up any free liquid, and place the pen and waste in an appropriate container for disposal. In storage where large numbers of pens may be damaged, eliminate all sources of ignition, ventilate area and collect the pens into a container for disposal. Collect any released liquid with an inert absorbent and place in a container for disposal.

**Storage**

Store in dry well ventilated place. Eliminate all sources of ignition. Store away from heat and flame. Keep tightly sealed. Prevent unauthorized access.

**Disposal**

Dispose of contents/container in approved waste disposal plant

**Hazard not Otherwise Classified (HNOC)**

Not applicable

<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS -No	Weight %	Trade Secret
Xylene	1330-20-7	60-70	*
C.I. Solvent Blue 70	TSR# 489909-	5-15	*
	5036-P-CH		*
Aromatic Hydrocarbon	64742-95-6	1-10	*
1,2,4, Trimethyl Benzene	95-63-6	1-10	*
Ethyl Benzene	100-41-4	1-10	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

<b>4. FIRST AID MEASURES</b>
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**Description of necessary first-aid measures**

<b>General Advice</b>	In case of doubt, or when symptoms persist, seek medical attention. Do not leave victim unattended.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Remove contact lenses. Get medical attention immediately.
<b>Skin Contact</b>	Flush skin with plenty of water. Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser.
<b>Inhalation:</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular seek medical advice. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
<b>Ingestion</b>	Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Protection of First Aiders** Use personal protection equipment.

**Most important symptoms/effects, acute and delayed**

**Most important symptoms/effects** Drowsiness, blurred vision if concentrated and inhaled.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Note to physician** Treat symptomatically

<b>5. FIRE-FIGHTING MEASURES</b>
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**Suitable Extinguishing Media**

Dry chemical, carbon dioxide, alcohol resistant foam, water fog. For large fires, use foam.

**Unsuitable extinguishing media** High volume water jet

FLASH POINT: 76°F (TCC) ASTM D56  
FLAMMABLE LIMITS: LEL 1.0 UEL 13.1

**Specific Hazards arising from the chemical** Vapors explosive if collected. Do not allow run off from fire-fighting to run into drains or water courses.

**Protective Equipment and Precautions for Firefighters**

Wear appropriate self-contained breathing apparatus MSHA/NIOSH (approved or equivalent) and full protective gear. Cool closed containers exposed to fire with water spray. Avoid inhalation of material or combustion by-products; stay upwind.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid breathing vapours. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment.

**Environmental Precautions** Avoid release into the environment. Do not allow to enter drains or watercourses. If the product contaminates rivers, lakes or drains, inform respective authorities.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Large spills of this product are unlikely due to product form. If marking pen leaks, wipe up any free liquid, and place the pen and waste in an appropriate container for disposal. In storage where large numbers of pens may be damaged, eliminate all sources of ignition, ventilate area and collect the pens into a container for disposal. Collect any released liquid with an inert absorbent and place in a container for disposal

**Methods for Cleaning Up** Contain the spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth to soak up the product and place in a suitable container for disposal in accordance with the waste regulations

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Avoid skin and eye contact. Avoid the inhalation of vapor and mist. Keep away from open flame and sources of ignition. Replace cap on pen when not in use.

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

**Storage** Keep away for open flame, hot surfaces and sources of ignition. Keep containers tightly closed. Observe label precautions. Store between 5-25° C in a dry, well ventilated place. Prevent unauthorized access.

**Incompatible products** Strong oxidizing and reducing agents

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Appropriate engineering controls**

**Engineering Measures** Showers, eyewash stations, ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face protection** None under normal use conditions

**Skin and body Protection** None under normal use conditions

**Respiratory Protection** None under normal use conditions. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

**Hygiene Measures** Use in a well-ventilated area. When using do not eat, drink, or smoke. Provide regular cleaning of equipment, work areas and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b><u>Property</u></b>	<b><u>Value</u></b>
Boiling Point	282°F
Specific Gravity	>1 @ 70°F
Solubility in water	Insoluble
Melting Point	No Data
Vapor Pressure	No Data
Evaporation Rate	Less than one (1)
Vapor Density	Greater than one (1)
pH	No Data
Odor	Petroleum Odor
Color	Opaque blue

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under normal storage and handling conditions
<b>Possibility of Hazardous reactions</b>	None under normal use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Heat, open flame, sparks, and sources of ignition
<b>Incompatible Materials</b>	Strong oxidizing and reducing agents
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information** There is no data available on the product itself.

**Acute Toxicity Data**

<u>Ingredient</u>	<u>LD50 Oral (mg/kg)</u>	<u>LD50 Dermal (mg/kg)</u>	<u>LC50 Inhalation (4 hrs.)</u>
Xylene	5 251 (mouse)	>1 700 (rabbit)	6 350 ppm (rat)
Ethylbenzene	3 500 (rat)	15 380 (rabbit)	4 000 ppm (rat)

### **Chronic Toxicity Data**

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<u>Ingredient</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>
Xylene	A4	Group 3	Not Listed
Ethylbenzene	A3	Group 2B	Not Listed

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 – Confirmed animal carcinogen with unknown relevance to humans

A4 – Not Classifiable as a Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B – The agent is possibly carcinogenic to humans

Group 3 – The agent is not classifiable as to its carcinogenicity in humans. NTP: (National Toxicity Program)

**Irritation:** Normal use of marker will not result in harmful effects. Xylene may be irritating to the skin.

**Sensitization:** Not likely to cause sensitization.

**Neurological Effects:** Not expected with normal use. Xylenes act as central nervous system depressants when ingested and inhaled.

**Teratogenicity:** Not expected with normal use. Xylene is considered toxic to developing fetuses.

**Reproductive Toxicity:** Not available.

**Mutagenicity (Genetic Effects):** Not available.

**Toxicologically Synergistic Materials:** Not available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** There is no data available on the product itself

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with all applicable local, state and federal regulations. Do not allow to enter into drains, water courses or the soil.

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**Domestic Highway (Containers <1 Quart are ORM-D)**

**Proper Shipping Name:** Consumer

**Commodity Hazard Class/Subsidiary:** ORM-D

**UN/NA No.:** None

**Packing Group:** None

**Label Required:** ORM-D

## 15. Regulatory Information

## **U.S. Federal Regulations**

**TSCA Status:** All ingredients in the product are listed on the TSCA inventory.

### **SARA Title III:**

Sec. 302/304: None  
Sec. 311/312: Flammable  
Sec 313: Xylenes, Ethylbenzene  
CERCLA RQ: Xylenes 100 lb., Ethylbenzene 1 000 lb.

**California Prop 65:** This product contains the following chemicals known to the State of California to cause cancer: Ethylbenzene

**Canada** This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

**WHMIS Classification:** Not Controlled.

**NSNR Status (New Substance Domestic)** All ingredients in the product are listed, as required, on Canada's Domestic

**Notifications Regulations:** Substances List (DSL).

**NPRI Substances (National Pollutant Release Inventory):** Xylene, Ethylbenzene

**Risk Phrases:** None

**Safety Phrases:** S2: Keep out of reach of children.

## **16. OTHER INFORMATION**

HMIS and NFPA Ratings: 2 (Health), 3 (Flammability), 0 (Reactivity), B (Personal Protection) (4=extreme, 3=high, 2=moderate, 1=slight, 0=least) (B=gloves & safety glasses).

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**End of Safety Data Sheet**