



# Safety Data Sheet

Issuing Date: November 20, 2014

Revision Date: June 16 2015

Revision Number: 1

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

### GHS Product Identifier

**Product Name** Ultra Violet Water Base Fiber Tip Marker

### Other Means of Identification

**Part Number** 04510 - bulk, 04550 – carded

**Color** Clear (visible under black light)

**Formula Code** SKM

**Synonyms** none

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

**Recommended Use** marker

**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 product is not classified as dangerous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200)

Flammable Liquid - Category 2

Serious eye damage/irritation - Category 2A

Specific target organ toxicity (single exposure) – Category 3

### GHS Label Elements, including precautionary statements

#### Emergency Overview

**Signal Word** – Danger

**Hazard Statements** –

Highly flammable liquid and vapour

Causes serious eye irritation

May cause respiratory irritation



**Appearance** – clear  
**Physical state**- Liquid  
**Odor** – Mild Odor

### **Precautionary Statements**

#### **Prevention**

Keep container tightly closed  
Keep away from heat/sparks/flame hot surfaces – no smoking  
Wear protective gloves/clothing/eye protection/face protection  
Use explosion proof electrical/ventilating/lighting equipment  
Ground/bond container and receiving equipment.  
Take precautionary measures against static discharge  
Use non sparking tools

Wash face and hands and any exposed skin thoroughly after handling  
Avoid breathing dust/fumes/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

#### **General Advice**

If exposed or concerned: get medical attention/advice.  
Call a poison center/doctor if you feel unwell.  
Acute Hazard: At high concentrations dizziness from breathing vapors, irritation from eye contact, nausea from ingestion, irritation to nose and throat may occur.  
Caution: Contains isopropyl alcohol  
Keep out of reach of children

#### **Response**

If exposed or concerned: get medical attention/advice.  
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.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.  
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.  
If swallowed: Immediately call a poison center/doctor. Do not induce vomiting

#### **Fire**

Use CO<sub>2</sub>, dry chemical, foam, or water spray

#### **Spills and Leaks**

Contain and collect spillage

#### **Storage**

Store in dry well ventilated place. Keep tightly sealed. Keep cool. Prevent unauthorized access.

#### **Disposal**

Dispose of contents/container in approved waste disposal plant

**Hazard not Otherwise Classified (HNOC)**

Potential health effects: Chronic: prolonged or repeated skin contact may cause defatting and dermatitis.

Inhalation: May cause respiratory irritation. Inhalation of vapors may cause drowsiness and dizziness.

Skin: can cause irritation if absorbed through skin. May cause pain and stinging.

Eye Contact: Can cause irritation to eyes. May cause burning and flow of tears.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhoea.

<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS -No	Weight %	Trade Secret
Water	7732-18-5	10-70	*
Isopropyl Alcohol	67-63-0	10-30	*
Resin	proprietary	5-10	*

\* 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.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Get medical attention immediately.
<b>Skin Contact</b>	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. Get medical attention immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If breathing is irregular seek medical advice immediately.
<b>Ingestion</b>	Get immediate medical attention. Give two glasses of water or milk. 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**

At high concentrations dizziness from breathing vapors, irritation from eye contact, nausea from ingestion, irritation to nose and throat may occur.

**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**

Water spray, carbon dioxide, dry chemical, alcohol resistant foam, water in the ink will stop fire after flash.

**Unsuitable extinguishing media** No information available

**Specific Hazards arising from the chemical** No information available

**Flash Point:** 56°F

**Flammability Limits (% by volume):** lower explosive limit 5.3% Upper explosive limit 19.0%

**Unusual Fire Explosion Hazards:** water on fire a cause frothing

**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. Use water spray to cool fire exposed area and to protect personnel.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal Precautions** Avoid breathing vapours. Evacuate personnel to safe areas. Ensure adequate ventilation.

**Environmental Precautions** Avoid release into the environment. Do not allow to enter drains or watercourses.

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

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

**Methods for Cleaning Up** Clean, preferably with detergent: avoid use of solvents. Remove source of ignition. Flush with water, wipe up with rags. Ventilate. Do not allow the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, notify the relevant environment agency.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Avoid skin and eye contact. Avoid the inhalation of vapor and mist.

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

**Storage** Observe label precautions. Store between 5-25° C in a dry, well ventilated place. Prevent unauthorized access. Keep container closed when not in use.

**Incompatible products** Unknown

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

**Exposure Guidelines**

Component	CAS No	OSHA TWA	ACGIH TWA
Isopropyl alcohol	67-63-0	PEL: 400ppm	TLV: 200 ppm STEL: 400 ppm

**Appropriate engineering controls**

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

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

<b>Eye/Face protection</b>	None under normal use conditions
<b>Skin and body Protection</b>	None under normal use conditions
<b>Respiratory Protection</b>	Use in a well-ventilated area. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn
<b>Hygiene Measures</b>	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

<u>Property</u>	<u>Value</u>
Boiling Point	173°F
Specific Gravity (H <sub>2</sub> O = 1) @ 70°F	0.79
Vapor Pressure (mm-Hg @ 70°F)	440 mm Hg
Melting Point	-121°F
Vapor Density (AIR = 1)	1.6
Autoignition	545°F
Solubility in Water	complete
PH	No Data
Flash Point (closed cup)	56°F
Volatile Organic Compound	23.71 grams per liter
Appearance	Mobile liquid liquid
Odor	Mild odor.

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous reactions</b>	None under normal use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Avoid extreme heat, open flames, sparks, and other sources of ignition
<b>Incompatible Materials</b>	Strong oxidizing agents, acids
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, smoke, soot, and various organic oxidation

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	None available. There is no data available on the product itself.
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<i>Chemical</i>	LD50 oral	LD50 Dermal	LD50 Inhalation
<i>Isopropyl alcohol</i>	5045 mg/kg rat	12,800 mg/kg rabbit	16,000 mg/l rat

## 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.

**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

TSCA INVENTORY: The product on this SDS is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory.

US Regulatory Rules:

Section 313 or Title III of SARA. This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

Isopropyl Alcohol CAS 67-60-0

SARA 311-312 Hazard categories

Acute Health Hazard            YES  
Chronic Health Hazard        YES  
Fire Hazard                        YES  
Sudden release of Pressure Hazard    NO  
Reactive Hazard                    NO

California Proposition 65      Not listed

MA Right to Know                      Isopropyl Alcohol 67-60-0 Listed  
New Jersey Right to Know            Isopropyl Alcohol 67-60-0 Listed  
Pennsylvania Right to Know         Isopropyl Alcohol 67-60-0 Listed

## 16. OTHER INFORMATION

HMIS      Health Hazard 1              Flammability 3              Reactivity 0              Personal protection B

SKM has been advised by attorney that the OSHA Hazard Communication Standard does not apply to the SKM products listed in this SDS. The explanation for the exemption is contained in 29 CFR

1910.1200(b)(6)(ix) as amended July 1, 2002 per the code of Federal Regulations. This information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the Hazard Communication Standard covers the product nor is this SDS meant to comply with all requirements of the Hazard Communication Standard.

**End of Safety Data Sheet**