



# Material Safety Data Sheet

## SKM INDUSTRIES, INC

### SECTION 1 - CHEMICAL AND COMPANY IDENTIFICATION

<b>Identity:</b> Metal Pro Fiber Tip Marker for Galvanized Steel - Colored <b>Item No:</b> 04042 <b>Colors:</b> Colored <b>Formula:</b> SKM121	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
<b>Another Exclusive Product of:</b> SKM Industries, Inc.	<b>Emergency Telephone Number</b> 800-424-9300 (Chemtrec) International 703-527-3887
<b>Address (Number, Street, City, State, and Zip Code)</b> 1012 Underwood Road, P.O. Box 278 Olyphant, PA 18447 USA	<b>Telephone Number for Information</b> 570-383-3062
	<b>Date Prepared</b> 11/4/2001
<b>Product Class:</b> Water-Base Marker - No VOCs	

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits	
				Recommended	%(Opt.)
Water	7732-18-5	No data	No data	No data	40 - 50
Propylene Glycol	57-55-6	No data	No data	No data	1 - 10
Glycol Ether TPM	25498-49-1	No data	No data	No data	1 - 10

May contain one or more of the

Titanium Dioxide	13463-67-7	TWA 10mg/m3	TWA 10mg/m3	Nuisance dust*	1 - 15
Yellow Pigment	13515-40-7	No data	No data	Nuisance dust*	1 - 15
Blue Pigment	147-14-8	No data	No data	Nuisance dust*	1 - 15
Orange Pigment	2814-77-9	No data	No data	Nuisance dust*	1 - 10
Red Pigment	2786-76-7	No data	No data	Nuisance dust*	1 - 10
Carbon Black	1333-86-4	No data	No data	Nuisance dust*	1 - 10

\* Nuisance dust as free dust only, not as bound in paint or ink.

### SECTION 3 - HAZARDS IDENTIFICATION

Repeated skin contact may cause irritation on sensitive skins. Splashes entering the eye will cause discomfort.

### SECTION 4 - FIRST AID MEASURES

**GENERAL:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**EYE CONTACT:** Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids open. If irritation persists, seek medical advice.

**INHALATION:** Remove to fresh air. If breathing is irregular seek medical advice. No adverse effects are anticipated from inhalation.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a proprietary skin cleaner. **DO NOT USE SOLVENTS OR THINNERS.**

**INGESTION:** If accidentally swallowed, rinse mouth with water and obtain immediate medical attention. Keep at rest. **DO NOT** induce vomiting.

### SECTION 5 - FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, dry powder, water spray mist

**SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL:** None

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain and collect spillages with non-combustible absorbent materials (e.g. sand, earth, etc) and place in suitable container for disposal in accordance with the waste regulations. Do not allow to enter drains or water courses. If it does, the local water company should be notified immediately. In case of contamination of streams, rivers or lakes, please contact the National Rivers Association.

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## SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Avoid skin and eye contact. For personal protection, see Section 8. Good housekeeping and regular removal of waste material will minimize risks.

**STORAGE:** Observe the label precautions. Store between 41° and 95° F in a dry, well ventilated place, away from sources of heat, ignition and direct sunlight. Open containers should be properly resealed and kept upright to prevent leakage. Store away from oxidizing agents and strong alkaline and acid materials. Although not subject to statutory requirements, the principals contained in the HSE Guidance Note of Flammable Liquids should be observed.

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## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**ENGINEERED MEASURES:** Provide adequate ventilation. Where reasonable and practicable this should be achieved by use of local exhaust ventilation and good general extraction.

Substance name	% Conc Range	OES 8 Hour ppm	OES 15 min. ppm	Notation
1 - Methoxy	>1%	100.00	300.00	5k OES
2 - Propanol	<2.5%	No Data	No Data	No Data

**HAND PROTECTION:** The normal precautions for handling of chemicals must be observed.

**EYE PROTECTION:** Eye protection designed to protect against liquid splashes should be worn.

**SKIN PROTECTION:** Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

**RESPIRATORY PROTECTION:** Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.

**GENERAL PROTECTION:** All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirement of the COSHH regulations.

**NOTES:** 5k - risk of absorption through skin; Sen - respiratory sensitizer; Bmgv - biological monitoring may be appropriate (see Biological Monitoring Guidance Value in EN40, Table 3); OELs are from EH40 except where marked SUP, which are assigned by the supplier of the substance.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point</b>	207 to 212° F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> @70° F	>1
<b>Vapor Pressure (mm-Hg @ 70° F)</b>	No Data	<b>Melting Point</b>	No Data
<b>Vapor Density (AIR = 1)</b>	Greater than one (1)	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Less than one (1)
<b>Solubility in Water</b>	Complete	<b>pH</b>	No Data

**Appearance and Odor -** Thin viscosity odorless liquid

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## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** Not Applicable

**Chemicals to Avoid:** Strong Oxidizing Agents

**Hazardous Decomposition Products (non-thermal):** Not Applicable

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## SECTION 11 - TOXICOLOGICAL INFORMATION

**Sensitization to Product:** Not Applicable

**Irritancy of Product:** Not Applicable

**Reproductive Toxicity:** Not Applicable

**Teratogenicity:** Not Applicable

**Mutagenicity:** Not Applicable

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## SECTION 12 - ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains, water courses, or to be deposited where it can affect underground or surface waters.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

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## SECTION 14 - TRANSPORT INFORMATION

**U.S. D.O.T.**

**Proper Shipping Name:** Not Regulated

**Hazard Class or Division:** Not Regulated

**I.D. Number:** Not Regulated

**CANADIAN TDG:** Not Regulated

**IATA:** Not Regulated

**ICAO:** Not Regulated

**IMO:** Not Regulated

**Australian Code for the Transport of Dangerous Goods**

**Dangerous Goods Class and Subsidiary Risk:** Not Determined

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## SECTION 15 - REGULATORY INFORMATION

The product is classified and labeled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows:

**CLASSIFICATION:** Non-hazardous

The information contained in this Material Safety Data Sheet does constitute the user's own assessment of the workplace risks as required by other health and safety legislation.

The provisions of the Health & Safety at Work Act, and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

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## SECTION 16 - OTHER INFORMATION

MSDS Status: Revised Section(s):

**WARNING!** The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer and distributor warrant only that this product meets specifications for such product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT.** The sole and exclusive remedy against the manufacturer and distributor for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. **NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.**

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