

# MATERIAL SAFETY DATA SHEET

(In accordance with ISO 11014:2009 Standard)

Original Preparation Date: 12/01/08

MSDS#: 0002005-02 Rev: D

Revision Date: 09/17/12

## **1. Chemical Product and Company Identification**

**Product Name:** Tissue-Tek<sup>®</sup> Marking Pencil – (product code #4160)

**Synonym(s):** N/A

**Recommended Uses:** N/A

**Manufactured For:** Sakura Finetek USA, Inc.  
Torrance, CA 90501 USA  
**Tel: 310-972-7800**

**Emergency Telephone Number:**  
**800-424-9300 (Chemtree)**

## **2. Hazards Identification**

Pencil products under the PMA Certification Mark (seal) of the Pencil Makers Association, Inc. are not within the scope of the OSHA Hazard Communication Standard. Pencils and graphite products are articles, not chemicals, 29 C.F.R. part 1910 1200 (B) (3). No acute or chronic health labeling is required under provision of federal law, the federal hazardous substance act, or under ASTM Standard D 4236.

### **EMERGENCY OVERVIEW**

**DANGER:** N/A

**Health Effects:** N/A

#### **HMIS Rating**

Health: 0  
Flammability: 0  
Reactivity: 0  
Protection : N/A

#### **HMIS Rating Scale**

Minimal: 0  
Slight: 1  
Moderate: 2  
High: 3  
Severe: 4

HMIS Rating Notes:

Protection = N/A

## **3. Composition/Information on Ingredients**

All wood cased pencil products.

## **4. First-Aid Measures**

None listed.

**Inhalation:** N/A

**Skin Contact:** N/A

**Eye Contact:** N/A

**Ingestion:** N/A

## **5. Fire-Fighting Measures**

**Extinguishing Media:** Foam, Carbon Dioxide, and Dry Chemical

**Fire/Explosion Hazards:** Pencil products stored in bulk are subject to ignition by fire and may, in case of fire, release toxic and other irritating gases.

**Fire Fighting Procedures:** A self-contained breathing device should be used when there is potential exposure to combustion products burning in bulk.

**Sensitivity to Static Discharge:** N/A

**Hazardous Decomposition Products:** N/A

**Flash Point and Method:** 365° F

**Flammable Limits:** N/A

**Auto Ignition Temperature:** N/A

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### **6. Accidental Release Measures**

Personal Precautions: N/A

Protective Equipment: N/A

Emergency Procedures: N/A

Environmental Precautions: N/A

Methods and Materials for Containment: N/A

Methods and Materials for Cleaning Up: N/A

### **7. Handling and Storage**

Handling: N/A

Storage: N/A

### **8. Exposure Controls and Personal Protection**

Permissible concentration: N/A

Engineering Controls: N/A

### **PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection: N/A

Hand Protection: N/A

Eye Protection: N/A

Skin and Body Protection: N/A

Protective Clothing: N/A

### **9. Physical and Chemical Properties**

Appearance: Dark Grey-Black solid stick form

Odor: Cedar fragrance

pH: N/A

Melting Point: N/A

Freezing Point: N/A

Boiling Point: N/A

Flash Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Density / Relative Density: N/A

Solubility: N/A

n-Octano/Water Partition Coefficient: N/A

Auto-Ignition Temperature: N/A

Decomposition Temperature: N/A

Odor Threshold: N/A

Evaporation Rate: N/A

Flammability: N/A

Viscosity: N/A

### **10. Stability and Reactivity**

Conditions to Avoid: N/A

Incompatible Materials: N/A

Stability: N/A

Hazardous Decomposition Products: N/A

### **11. Toxicological Information**

Pencil products bearing the PMA Certification Mark (seal) are certified in a program of toxicological evaluation by a medical expert subject to review by the programs Toxicological review board to contain no materials in sufficient quantities to offer an acute or chronic health hazard to humans.

Acute Toxicity: N/A

Skin Irritation/Corrosion(Burning): N/A

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Eye Damage/Irritation: N/A  
Respiratory or Skin Sensitization: N/A  
Reproductive Cell Mutagenicity: N/A  
Carcinogenicity: N/A  
Reproductive Toxicity: N/A  
Specific Target Organ Toxicity – single exposure: N/A  
Specific Target Organ Toxicity – repeated exposure: N/A  
Aspiration (Inhalation) Hazard: N/A

### **12. Ecological Information**

Ecotoxicity: N/A  
Persistence and Degradability: N/A  
Bioaccumulative Potential: N/A  
Mobility in Soil: N/A

### **13. Disposal Considerations**

Disposal Method: N/A

### **14. Transport Information**

UN Number: N/A  
UN Proper Shipping Name: N/A  
UN Classification: N/A  
Marine Pollutant (Y/N): N/A

OTHER SHIPPING INFORMATION: N/A

Markings: N/A  
Hazardous Substance/RQ: N/A

SPECIAL SHIPPING NOTES: N/A

IMDG: N/A  
IATA: N/A

### **15. Regulatory Information**

UNITED STATES

SARA Title III (Superfund Amendments and Reauthorization Act): N/A  
SARA Title III Sect. 302 Extremely Hazardous Substances (40 CFR 355): N/A  
SARA Title III Sect. 313 Reportable Ingredients (40 CFR 372.65): N/A  
CERCLA (Comprehensive Environmental Response Compensation and Liability Act): N/A

STATE REGULATIONS

Proposition 65: N/A

### **16. Other Information**

This Material Safety Data Sheet has been furnished on request. A revised Material Safety Data Sheet will be furnished only if requested, also in case of specification changes. The above information, which is accurate to the best of our knowledge and belief, describes the safety aspects of our product but does not warrant any product properties. The company gives no warranty as to the accuracy or completeness of such information.