Tissue-Tek® Marking Pencil

Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)
Issue date: 12/01/2008
Revision date: 11/08/2024 Version: F

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Product name	:	Tissue-Tek® Marking Pencil
Product code	:	4160

1.2. Recommended use and restrictions on use

Marking substrate

1.3. Supplier

Sakura Finetek USA Inc.
1750 West 214th St.
Torrance, CA 90501
T 1-310-972-7800

1.4. Emergency telephone number

CHEMTREC 1-800-424-9300
Email: SDSsupport@sakuraus.com

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

The mixture does not meet the criteria for classification.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

2.3. Other hazards which do not result in classification

None known

2.4. Unknown acute toxicity (GHS US)

This product does not fall within the scope of the OSHA Hazard Communication Standard in accordance with 29 C.F.R. 1910.1200(b)(6)(ix). In addition, this product is non-hazardous. This Safety Data Sheet (SDS) is being provided as a courtesy. However, using or processing inconsistent with the manufacturer's recommendations or when subjected to unanticipated unusual conditions, this product may present potential health and safety hazards. This document contains important information for r proper use, handling and storage of the product under both normal and emergency conditions.

This product bears the PMA Certification Mark issued by the Writing Instrument Manufacturers Association (WIMA). Pencil products bearing the PMA Certification Mark are certified in a program of toxicological evaluation by a medical expert subject to review by the program's Toxicological review board to contain no materials in sufficient quantities to offer an acute or chronic health hazard to humans, even if reasonable amounts are ingested.

Cased pencils bearing the PMA Certification Mark do not require acute toxicity labelling under the Federal Hazardous Substances Act, 15 U.S.C. §1261 et seq., (or latest revision) to minimize hazards to children from residual surface coatings materials and do not require chronic toxicity labelling under the criteria of American Society for Testing Materials Standard D 4236-83 for chronic hazard labelling.

SECTION 3: Composition/Information on ingredients

3.1. Substances

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

3.2. Mixtures

All wood cased pencil products.

The specific chemical\ component identities and/or the exact component percentages of this material may be withheld as trade secrets.
This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1). Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/ inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not relevant, due to the form of the product.

First-aid measures after skin contact : Wash off with soap and water. No adverse effects due to skin contact are expected.

First-aid measures after eye contact : Not likely, due to the form of the product.

First-aid measures after ingestion : First aid normally not needed for small amounts ingested by transferring from hand to mouth.

4.2. Most important symptoms and effects (acute and delayed)

Acute exposures not expected to produce symptomatic response.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : During fire, gases hazardous to health may be formed.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Use methods for the surrounding fire.
Use standard firefighting procedures and consider the hazards of other involved materials.
Material will burn in a fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Keep unnecessary personnel away.

6.1.2. For emergency responders

Protective equipment : For personal protection, see section 8 of the SDS.

6.2. Environmental precautions

None known

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Pick up mechanically.
Other information : For waste disposal, see section 13 of the SDS

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Observe good industrial hygiene practices.
Hygiene measures : Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits No exposure limits noted for ingredient(s).
Biological limit values No biological exposure limits noted for the ingredient(s).

8.2. Appropriate engineering controls

Appropriate engineering controls : General ventilation normally adequate.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Not normally needed

Eye protection:
Not normally needed

Skin and body protection:
Not normally needed

Respiratory protection:
Not normally needed
General hygiene considerations:
Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid, Dark grey-black pencil
Color	:	Not available
Odor	:	Cedar fragrance
Odor threshold	:	Not available
pH	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	Not available
Flash point	:	Not available
Relative evaporation rate (butyl acetate=1)	:	Not available
Flammability	:	Not available
Vapor pressure	:	Not available
Relative vapor density at 20°C	:	Not available
Relative density	:	Not available
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Pow)	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	Not available
Explosion limits	:	Not explosive.
Explosive properties	:	Not explosive.
Oxidizing properties	:	Not oxidizing

9.2. Other information

No additional information

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Material is stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Contact with incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Expected to be a low ingestion hazard. Not expected to be acutely toxic.
Acute toxicity (dermal)	:	No adverse effects due to skin contact are expected. Not expected to be acutely toxic.
Acute toxicity (inhalation)	:	Not relevant, due to the form of the product. Not expected to be acutely toxic.
Skin corrosion/irritation	:	Not a skin irritant.
Serious eye damage/irritation	:	Not relevant, due to the form of the product.
Respiratory or skin sensitization	:	Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
Germ cell mutagenicity	:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	:	This product is not expected to cause reproductive or developmental effects.
STOT-single exposure	:	Not classified.
STOT-repeated exposure	:	Not classified.
Aspiration hazard	:	Not relevant, due to the form of the product.
Further information	:	This product bears the PMA Certification Mark issued by the Writing Instrument Manufacturers Association (WIMA). Pencil products bearing the PMA Certification Mark are certified in a program of toxicological evaluation by a medical expert subject to review by the program's Toxicological review board to contain no materials in sufficient quantities to offer an acute or chronic health hazard to humans, even if reasonable amounts are ingested.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	This product is not classified as hazardous to the environment.

12.2. Persistence and degradability

No data is available on the degradability of this product.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of in accordance with local regulations.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

Not regulated as dangerous goods.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not regulated as dangerous goods.
Proper Shipping Name (IMDG) : Not regulated as dangerous goods.
Proper Shipping Name (IATA) : Not regulated as dangerous goods.

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not regulated as dangerous goods.

IMDG
Transport hazard class(es) (IMDG) : Not regulated as dangerous goods.

IATA
Transport hazard class(es) (IATA) : Not regulated as dangerous goods.

14.4. Packing group

Packing group (DOT) : Not regulated as dangerous goods.
Packing group (IMDG) : Not regulated as dangerous goods.
Packing group (IATA) : Not regulated as dangerous goods.

14.5. Environmental hazards

Other information : Not regulated as dangerous goods.

14.6. Special precautions for user

DOT
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. US Federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	
SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting)	Not regulated.

15.2. US State regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

SECTION 16: Other information

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Sakura Finetek USA, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.