



MATERIAL SAFETY DATA SHEET

(In accordance with ISO 11014-1 Standard)

Product Name: Tissue-Tek® NEUTRA-FORM®

Revision Date: 2008-12-01

1. Identification of the Substance

Product Name: Tissue-Tek® NEUTRA-FORM® – (product code #4304)

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

Emergency Telephone Number:
800-424-9300 (Chemtrec)

2. Composition/Data on Components

Hazardous Component Specific Chemical Identity	CAS #	%	NIOSH or OSHA	ACGIH TLV
Trade secret-chemical identity withheld	Trade secret	Trade secret	5 mg/m3	5 mg/m3

3. Hazards Identification

NFPA Hazard Rating **NFPA Rating Scale**

Health: 1	Insignificant: 0
Flammability: 0	Slight: 1
Reactivity: 0	Moderate: 2
	High: 3
	Extreme: 4

Primary Entry Routes: Inhalation and eye contact

Target organs: Respiratory tract, eyes

Carcinogenicity: IARC, NTP, and OSHA do not list chemical ingredients as a carcinogen

4. First Aid Measures

Ingestion: Induce vomiting to conscious victims and seek medical attention. Unconscious victims should be placed on their left side with their head down. Do not induce vomiting.

Inhalation: The patient should be transported away from exposure and brought to fresh air. If necessary administer CPR, keep warm and quiet. Seek immediate medical attention.

Eye Contact: Flush eyes immediately with water for 10 - 15 minutes. If burning persists, seek medical care.

Skin Contact: Contaminated clothing should be removed immediately. The affected body areas should be flushed with water for a period of approximately 15 minutes. If symptoms persist, seek medical attention.

5. Fire Fighting Measures

Flash Point: Greater than 200° F

Explosive Limit: N/A

Extinguishing Methods: Water fog, regular foam, dry chemicals or carbon dioxide

Fire Fighting Procedures: Wear self-contained breathing apparatus with full body protection

Hazardous Decomposition Products: None

6. Accidental Release Measures

Small and Large Spills: With clean dry shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

7. Handling and Storage

Suitable for any general chemical storage area. All electrical equipment in storage and/or handling areas should be installed in accordance with applicable requirements of the National Electrical Code (NEC).

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8. Exposure Controls/Personal Protection

Respiratory Protection: General mechanical or local exhaust should be used to maintain low exposure levels. Avoid prolonged periods of directly breathing vapors. In absence of proper environmental controls, the use of a NIOSH/OSHA respirator is recommended. Respirator use should comply with OSHA 29 CFR 1910.134.

Protective Equipment: Use appropriate resistant gloves, chemical splash goggles, and normal laboratory work clothing covering arms and legs.

9. Physical and Chemical Properties

Boiling Point _____ N/A

pH after Neutralization _____ >6

Specific Gravity _____ Greater than Water

Vapor Density _____ N/A

Percent Volatile by Volume _____ N/A

Vapor Pressure _____ N/A

Appearance _____ Whitish Powder

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Cannot occur

Incompatibility: Avoid contact with strong mineral acids and strong oxidizing agents.

11. Toxicological Information

Topical Effects

Skin: Exposure causes skin irritation, redness, and burning. Pre-existing skin conditions could be aggravated. Absorption through skin is unlikely.

Eyes: Depending on the quantity that comes in contact with an eye, the injuries sustained may range from mild irritation to redness and burning.

Systemic Effects

Ingestion: Single dose oral toxicity is moderate. Symptoms may include stomach irritation, nausea, and diarrhea.

Inhalation: Dust can cause irritation of nasal and respiratory passages.

12. Ecological Information

Aquatic Bioassay was conducted using guidelines prescribed in "Static Acute Bioassay Procedure for Hazardous Waste for Samples," result status = pass, 96 hour LC₅₀ > 750 mg/l.

NEUTRA-FORM[®] is within the allowable limits specified in 40 CFR 261 and 433.11, California Soluble Threshold Limit Concentrations (STLCs) and Total Threshold Limit Concentration (TTLCs) and is considered a non-hazardous material.

13. Advice on Disposal

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

14. Transport Information

DOT Shipping Number _____ None Assigned

DOT Hazard Classification _____ None Assigned

15. Regulatory Information

RCRA Hazardous Waste (40 CFR 261.33): Not listed

CERCLA Hazardous Substance (40 CFR 302.4): Not listed

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

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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.

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