

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: PRODUCT IDENTIFICATION

**Manufacturer's Name:**

TechNiche International  
1261 Liberty Way, Suite A  
Vista, CA 92081

**Emergency Telephone No:**

For emergency chemical spill, leak, exposure, or other accident, call 800-424-9300 (24 hour service).

**Product(s) Name:**

CoolPax™, CoolPax™ Inserts  
Cooling Packs/Inserts, TechKewl Packs,  
Phase Change Cooling Packs/Inserts

**Non-Emergency Telephone No:**

For non-emergency health and safety information call 760-476-0654.

**Date Prepared:**

Original: March 5, 1996  
Revised: January, 2010

**HMIS Rating:**

H (1), F (1), R (0), PP(B)

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## SECTION 2: HAZARDOUS INGREDIENTS

Ingredient:	CAS No:	Exposure Limit:	OSHA PEL	ACGIH TLV
n-Hexadecane	544-76-3	350 mg/m <sup>3</sup>	NDA	NDA
n-Tetradecane	629-59-4	350 mg/m <sup>3</sup>	NDA	NDA

**THIS PRODUCT HAS NO DOT HAZARDOUS COMPONENTS**

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## SECTION 3: PHYSICAL DATA

<b>Boiling Point:</b> 545° F (285° C)	<b>Specific Gravity:</b> 0.77 (H <sub>2</sub> O = 1)	<b>Vapor Pressure:</b> 1mm/222° F(106° C)
<b>Vapor Density:</b> 7.72 (Air = 1)	<b>Solubility in Water:</b> None	<b>Reactivity in Water:</b> None
<b>Appearance:</b> Colorless liquid	<b>Odor:</b> Mild wax odor	<b>Melting Point:</b> 58° F (14° C)

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## SECTION 4: FIRE AND EXPLOSION DATA

<b>Flash Point:</b> 234° F (112° C)	<b>Method Used:</b> Closed Cup	<b>OSHA:</b> Not classified as flammable or combustible
<b>Auto-Ignition Temperature:</b> Greater than 400° F (204° C)	<b>Extinguisher Media:</b> CO <sub>2</sub> , Foam, Dry Chemical	<b>Unusual Fire and Explosion Hazard:</b> None

**Special Fire Fighting Procedures:** Use of water on burning material may spread fire.

*Note: Immediately discontinue using if the inserts leak, rupture, or become opened. Avoid open flame or sparks if the material is absorbed into the vest or other material.*

## SECTION 5: PHYSICAL HAZARDS (REACTIVITY DATA)

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatibility:** Strong oxidizing agents

**Conditions to Avoid:** Contact with oxidizing agents

**Hazardous Decomposition Products:** CO<sub>2</sub>, CO

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## SECTION 6: HEALTH HAZARDS

**Acute:** Skin, eye & respiratory tract irritant

**Chronic:** Not Determined

**Signs and Symptoms of Exposure:** Redness of skin

**Medical Conditions Aggravated by Exposure:** Sensitive skin

**Chemical Listed as Carcinogen or Potential Carcinogen:**

National Toxicology Program: No

I.A.R.C. Monographs: No

OSHA: No

**Emergency and First Aid Procedures:** Remove from area to fresh air. Remove contaminated clothing. Wash effected areas with soap and warm water.

**Routes of Entry:**

1) Inhalation: Remove to fresh air.

2) Eyes: Flush with water.

3) Skin: Wash with soap and warm water.

4) Ingestion: Do not induce vomiting. Drink 3-4 glasses of water. Contact physician.

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## SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Precautions to be Taken in Handling and Storage:** Store in closed containers away from flames.

**Other Precautions:** Do not store with oxidizing agents.

**Steps to be Taken if Material is Released or Spilled:** Contain spill. Transfer to drums with pump or vacuum. Use absorbent material for small spills.

**Waste Disposal Methods:** Incineration. Dispose of in accordance with Federal, State, and Local regulations.

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## SECTION 8: SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

**Respiratory Protection:** None under normal conditions.

**Ventilation:** Local exhaust

**Protective Gloves:** Rubber

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** None under normal conditions.

**Work/Hygienic Practices:** Keep area and equipment clean.

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## **SECTION 9: TRANSPORT INFORMATION**

**USDOT** Not regulated as a Hazardous Material or Dangerous Good for Transportation

**ICAO/IATA** Not regulated as a Hazardous Material or Dangerous Good for Transportation

**IMO/IMDG** Not regulated as a Hazardous Material or Dangerous Good for Transportation

**RID/ADR** Not regulated as a Hazardous Material or Dangerous Good for Transportation

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## **SECTION 10: SPECIAL PRECAUTIONS**

None

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## **SECTION 11: DOCUMENTARY INFORMATION**

The above information is, in part, based on material safety data sheets supplied by the vendor of the raw materials used in these products. The information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for use, or any other warranty is expressed or is implied regarding the accuracy of this data, the results to be obtained from the use of the material, or hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control, and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished of the condition that the person receiving it shall make his or her own determination as to the suitability of the material for his or her particular purpose and the condition that he or she assumes the risk of his or her use thereof.

**Note:** *Immediately discontinue using if the inserts leak, rupture, or become opened. Avoid open flame or sparks if the material is absorbed into the vest or other material.*