

# MATERIAL SAFETY DATA SHEET

---

## SECTION I: PRODUCT IDENTIFICATION

**Manufacturer's Name:**

TechNiche International  
1948 Kellogg Avenue  
Carlsbad, CA 92008

**Emergency Telephone No:**

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

**Product(s) Name:**

Water Based Cooling Inserts for  
Fire Resistant Cooling Vest (Product # 6865)

**Non-Emergency Telephone No:**

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

**Date Prepared:**

August, 2006

**HMIS Rating:**

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

---

## SECTION II: HAZARDOUS INGREDIENTS

Ingredient:	CASS No:	Exposure Limit:	OSHA PEL	ACGIH TLV
Potable Water (78%)	n/a	n/a	NDA	NDA
Propylene Glycol (20%)	57-55-6	10 mg/m <sup>3</sup>	NDA	NDA
Cellulose Ether (2%)	9004-32	n/a	NDA	NDA

---

## SECTION III: PHYSICAL DATA

**Boiling Point:** N/A

**Specific Gravity:** 1.59  
(H<sub>2</sub>O = 1)

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Solubility in Water:** None

**% Volatile by Volume:**  
<2% Total Solids

**Appearance:** Soft, White, Hydro Gel

**Odor:** N/A

**Melting Point:** N/A

---

## SECTION IV: FIRE AND EXPLOSION DATA

**Flash Point:** N/A

**Method Used:** N/A

**LEL/UEL Flammability:**  
Non-Flammable

**Auto-Ignition Temperature:**  
N/A

**Extinguisher Media:**  
CO<sub>2</sub>, Foam, Dry Chemical

**Unusual Fire and Explosion Hazard:**  
None

**Special Fire Fighting Procedures:** None

---

## SECTION V: PHYSICAL HAZARDS (REACTIVITY DATA)

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatibility:** N/A

**Conditions to Avoid:** N/A

**Hazardous Decomposition Products:** None

---

## **SECTION VI: HEALTH HAZARDS**

**Exposure Limits:** Non-toxic Material, N/A

**Signs and Symptoms of Exposure:** N/A

**Medical Conditions Aggravated by Exposure:** N/A

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

National Toxicology Program: No, I.A.R.C. Monographs: No, OSHA: No

---

## **SECTION VII: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**Precautions to be Taken in Handling and Storage:** N/A

**Steps to be Taken if Material is Released or Spilled:**

Material is non toxic and can be disposed of as solid waste.

**Waste Disposal Methods:**

Dispose of in accordance with Federal, State, and Local regulations.

---

## **SECTION VIII: SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

**Respiratory Protection:** None

**Ventilation:** None

**Protective Gloves:** Rubber

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** None

---

## **SECTION IX: SPECIAL PRECAUTIONS**

Material may cause slippery conditions if spilled. Clean up spills and use abrasive cleaner to remove residual material.

---

## **SECTION X: 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.