

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 ³	NDA	NDA
Cellulose Ether (2%)	9004-32	n/a	NDA	NDA

SECTION III: PHYSICAL DATA

Boiling Point: N/A

Specific Gravity: 1.59
(H₂O = 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:
CO₂, 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.