

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

070425009

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075426812 075426820

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075426804

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and  
Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

### IDENTITY

**Therma-Kool® Compress**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name: <b>Nortech Laboratories, Inc.</b>	Emergency Telephone Number: <b>1-888-COLDPAK</b>
Address <b>125 Sherwood Avenue Farmingdale, NY 11735</b>	Telephone Number for Information: <b>1-888-COLDPAK 1-800-935-0425</b>
	Date Prepared: <b>Nov. 2, 2005</b>

### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
<b>None</b> <b>Ingredients of Gel: Water, Glycerine, Methyl Paraben and Neutralized Carbopol Resin</b>				

### Section III - Physical/Chemical Characteristics

Boiling Point	<b>N/A</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>0.998</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water <b>Gel is a Water-Based Gel</b>			
Appearance and Odor <b>Colorless and Odorless</b>			

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#### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	N/A				
Special Fire Fighting Procedures	N/A				
Unusual Fire and Explosion Hazards	None				

(Reproduce locally)

OSHA 174, Sept. 1985

#### Section V - Reactivity Data

Stability	Unstable				
	Stable	Conditions to Avoid Contact with very hot surfaces or direct flame may cause bag to melt			
Incompatibility ( <i>Materials to Avoid</i> )		NONE			
Hazardous Decomposition or Byproducts		NONE			
Hazardous Polymerization	May Occur				Conditions to Avoid NONE
	Will Not Occur	X			

#### Section VI - Health Hazard Data

Route(s) of Entry: <b>N/A</b>	Inhalation? <b>N/A</b>	Skin? <b>N/A</b>	Ingestion? <b>N/A</b>
Health Hazards ( <i>Acute and Chronic</i> )		<b>NONE</b>	
Carcinogenicity: <b>NONE</b>	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure		<b>NONE</b>	
Medical Conditions			

Generally Aggravated by Exposure	<b>NONE</b>
Emergency and First Aid Procedures	<b>N/A</b>

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <b>Gel is harmless to skin and clothing. To remove wash/rinse with water</b>
Waste Disposal Method <b>Gel may be flushed in commode or allowed to drain off in sink. Bag may be disposed of as trash</b>
Precautions to Be taken in Handling and Storing <b>Store in cool dry place.</b>
Other Precautions <b>If Thermo-Kool® Compress leaks discard</b>

### Section VIII - Control Measures

Respiratory Protection		N/A	
Ventilation	Local Exhaust	Special	
	Mechanical ( <i>General</i> )	Other	
Protective Gloves	NONE NEEDED	Eye Protection	NONE NEEDED
Other Protective Clothing or Equipment		NONE NEEDED	
Work/Hygienic Practices		No Special Precautions	

\* U.S.G.P.O.: 1986 - 491 - 529/45775



## Safety Data Sheet

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Issue Date: 07/30/14

### SECTION 1: Identification

#### 1.1. Product Identifier

Therma-Kool® Reusable Cold/Hot Gel Therapy Pack

#### Product Identification Numbers

TK35, TK36, TK49, TK418, TK69, TK810, TK912, TK1013, TK105

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Class 1 Medical Device Cold/Hot gel pack for therapy, first aid & pain relief. (Patent No. 3,780,537).

#### 1.3. Supplier's details:

**MANUFACTURER:** Nortech Labs Inc  
**ADDRESS:** 125 Sherwood Ave, Farmingdale NY 11735  
**TELEPHONE:** 888-COLD-PAK (265-3725)

#### 1.4. Emergency telephone number

CHEMTREC – (800) 424-9300

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

##### Pictograms

Not applicable.

**2.3. Hazards not otherwise classified**

None

**SECTION 3: Composition/information on ingredients**

Ingredient	C.A.S. No.	% by Weight
WATER	7732-18-5	80
GLYCERINE	56-81-5	18
NEUTRALIZED POLYGEL RESIN	9003-01-04	1.25
METHYL PARABEN	99-76-3	0.17
OUTER FILM 3 MIL LLDPE	None	0.58

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated.

**Skin Contact:**

Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

**If Swallowed:**

Although not a likely route of entry, tests have shown that Therma-Kool® Gel is non-toxic if ingested. However, as in any instance of non-food consumption, rinse mouth, if you feel unwell, seek medical attention in the event of any adverse symptoms.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1. Information on toxicological effects

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product

**Hazardous Decomposition or By-Products**

None inherent in this product

**5.3. Special protective actions for fire-fighters**

No special protective actions for fire-fighters are anticipated.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

None

**6.2. Environmental precautions**

None

**6.3. Methods and material for containment and cleaning up**

Use caution after contact of product with water, as slippery conditions may result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Use caution when removing gel pack from cold (freezer) or heat (microwave) source.

**7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements. If possible, store in a cool dry place

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS

**8.2. Exposure controls**

None required.

**8.2.1. Engineering controls**

None required

**8.2.2. Personal protective equipment (PPE)**

None required

**Eye/face protection**

None required.

**Skin/hand protection**

No chemical protective gloves are required.

**Respiratory protection**

None required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**General Physical Form:** Gel

**Odor, Color, Grade:** Odorless, Clear gel in bag.

**Odor threshold** *Not Applicable*

**pH** 5-8

**Melting point** *Not Applicable*

**Boiling Point** > 200 °F

## THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK

07/30/14

**Flash Point** 210 °F

**Flash Point** Flash point > 93 °C (200 °F)

**Evaporation rate** *Not Applicable*

**Flammability (solid, gas)** Not Applicable

**Flammable Limits(LEL)** *Not Applicable*

**Flammable Limits(UEL)** *Not Applicable*

**Vapor Pressure** ≤27 psia [@ 131 °F] [Details: MITS data]

**Vapor Density** *Not Applicable*

**Specific Gravity** 1 [Ref Std: WATER=1]

**Solubility in Water** Complete

**Solubility- non-water** *Not Applicable*

**Partition coefficient: n-octanol/ water** *No Data Available*

**Autoignition temperature** *Not Applicable*

## SECTION 10: Stability and reactivity

### 10.1. Chemical Stability

This material is chemically stable under normal and anticipated storage conditions.

### 10.2. Chemical stability – Conditions to Avoid

Stable

### 10.3. Hazardous Decomposition Products

None

### 10.4. Hazardous Polymerization

Will not occur

## SECTION 11: Toxicological information

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

No health effects are expected.

#### Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

#### Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

#### Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### Toxicological Data

For an assessment of individual components please refer to Nortech Therma-Kool Gel Pack TRA

<http://www.nortechlabs.com/thermakool-toxicity-report.pdf>

**SECTION 12: Ecological information****Eco toxicological information**

N/A

**SECTION 13: Disposal considerations****13.1. Disposal methods**

A: General Product Information This product is a non-hazardous waste material suitable for approved solid waste landfills.

B: Component Waste Numbers No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions Dispose of in accordance with Local, State, and Federal Regulations.

EPA Hazardous Waste Number (RCRA): Not regulated

**SECTION 14: Transport Information**

For Transport Information, please visit [www.nortechlabs.com](http://www.nortechlabs.com) or call 888-COLD-PAK(265-3725)

**SECTION 15: Regulatory information****15.1. US Federal Regulations**

Contact Nortech Labs Inc for more information.

**311/312 Hazard Categories:**

Fire Hazard - No    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - No    Delayed Hazard - No

**15.2. State Regulations**

Contact Nortech Labs Inc for more information.

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of

TSCA. Contact Nortech Labs Inc for more information.

**15.4. International Regulations**

Contact Nortech Labs Inc for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SECTION 16: Other information****NFPA Hazard Classification**

Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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