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Safety Data Sheet

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Issue Date: **09/30/15** **Rev: 2**

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

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

800-935-0425 or visit http://www.nortechlabs.com/faq.html

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 maybe 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 ºF
Flash Point 210 ºF
Flash Point Flash point > 93 °C (200 °F)
Evaporation rate *Not Applicable*

THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK

Flammability (solid, gas) Not Applicable
Flammable Limits(LEL) *Not Applicable*
Flammable Limits(UEL) *Not Applicable*
Vapor Pressure <=27 psia [@ 131 ºF] [*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 sold 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

This product is not a hazardous material and is not regulated by the Department of Transportation.
For Transport Information, please visit 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.

This product is not a hazardous material and is not regulated by the Department of Transportation.

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

THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK

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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