

# ThermalSoft® Gel Pack

## Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY	
Product name:	ThermalSoft Gel Pack
Company:	Mettler Electronics Corp. 1333 South Claudina Street Anaheim, CA 92805, USA
Emergency telephone number:	800-854-9305 or 1-714-533-2221
Manufacturer:	Shanghai Chuangshi Ind. Co. Ltd. 5F, Block B No. 168 Luoyang Road Shanghai, China

2. COMPOSITION/INFORMATION ON INGREDIENTS			
Identification of the preparation:		Hot and Cold Therapy Apparatus	
CHEMICAL ENTITY	CAS NO.	PROPORTION	
Crossed Linked Polymer	Commercial	2%	
Propylene Glycol	000057-55-6	32%	
Water	N/a	66%	

3. HAZARDS IDENTIFICATION	
Spills produce extremely slippery surfaces.	

4. FIRST AID MEASURES	
Inhalation:	Move to fresh air.
Skin contact:	Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.
Eye contact:	Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.
Ingestion:	By analogy with similar products, this product is not expected to be toxic.

5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	Water, water spray, foam, dry powder, carbon dioxide (CO2)
Special fire-fighting precautions:	Spills produce extremely slippery surfaces.
Special protective equipment for firefighters:	No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions:	No special precautions required.
Environmental precautions:	Do not contaminate water.
Methods for cleaning up:	Clean up promptly by scoop or wet vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water

7. HANDLING AND STORAGE	
Handling:	Avoid contact with skin and eyes.
Storage:	Avoid sharp objects

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
Engineering controls:	None
Personal protection equipment:	
Respiratory protection	None
Hand protection	None
Eye protection	Avoid contact with eyes
Skin protection:	No special protective clothing required
Hygiene measures:	Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Form:	Gel
Color:	Clear
Odor:	None
Melting point (°C):	Not applicable
Flash point (°C):	Not applicable
Autoignition temperature (°C):	Not applicable
Vapor pressure (mm Hg):	Not applicable
Bulk density:	Not applicable
Water solubility:	Insoluble
Viscosity (mPa s):	Not applicable

<b>10. STABILITY AND REACTIVITY</b>	
Stability:	Product is stable, No hazardous polymerization will occur.
Conditions to avoid:	No special precautions required.
Hazardous decomposition products:	At elevated temperatures (> 300°C), thermal decomposition may produce nitrogen oxides and carbon oxides. Additionally, in the event of oxygen depletion, hydrocyanic acid can be formed.

<b>11. HEALTH EFFECTS</b>	
Acute toxicity:	
Oral:	Low toxicity product. Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amount incidental to normal handling operations.
Dermal:	Not toxic: LD50/dermal/rabbit > 2000 mg/kg
Irritation:	
Skin:	Not irritating
Eyes:	Moderate eye irritation if exposed to liquid
Sensitization:	Not sensitizing.

<b>12. ECOLOGICAL INFORMATION</b>	
Ecotoxicity:	Ecological injuries are not known or expected under normal use. Aquatic toxicity is unlikely due to low solubility.
Persistence / degradability:	Not readily biodegradable, < 10% after 28 days.

<b>13. DISPOSAL CONSIDERATIONS</b>	
Waste from residues / unused products:	In accordance with federal, state and local regulations.
Contaminated packaging:	Can be landfilled or incinerated, when in compliance with local regulations.

<b>14. TRANSPORT INFORMATION</b>	
	Not regulated by DOT.

<b>15. REGULATORY INFORMATION</b>		
All components of this product are on the TSCA and DSL inventories.		
RCRA status:	Not a hazardous waste.	
Hazardous waste number:	Not applicable	
Reportable quantity (40 CFR 302):	Not applicable	
Threshold planning quantity (40 CFR 335):	Not applicable	
<b>HMIS &amp; NFPA Ratings</b>	<b>HMIS</b>	<b>NFPA</b>
Health	1	1
Flammability	1	1
Reactivity	0	0

<b>16. OTHER INFORMATION</b>	
Person to contact:	Regulatory Affairs Manager

**Approved by: Christina Cayuala—Quality Systems and Regulatory Affairs Manager**

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.*

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