

# MATERIAL SAFETY DATA SHEET

**COOLING TOWEL**

Page: 1  
July 23, 2007

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: CHILL-ITS® COOLING TOWEL  
General Use: Evaporative Cooling Towel  
Product Description: polymeric towel

### MANUFACTURER:

### EMERGENCY TELEPHONE NUMBERS:

ERGODYNE  
1410 ENERGY PARK DRIVE  
ST PAUL, MN 55108-5249  
1-800-225-8238

CHEMTREC (800) 424-9300

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>wt %</u>	<u>CAS Registry #</u>
Polyvinyl Acetal	100	

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

<u>Component</u>	<u>OSHA PEL</u>	<u>EXPOSURE LIMITS 8 hrs TWA (ppm)</u>	
		<u>ACGIH TLV</u>	<u>Other</u>
None			

This product is classified as an "article" according to 29CFR.

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## 3. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

Product is a cured resin. Not hazardous during normal use. Will emit carbon dioxide and carbon monoxide when burned. Concentrations not expected to be significant.

**EYE CONTACT:**

Not considered an eye contact hazard unless physically abraded in some manner to produce dust.

**SKIN CONTACT:**

Cured material is not expected to cause any skin reaction. If rash or irritation develops, wash with soap and water.

**INGESTION:**

Unlikely route of exposure during normal use.

**INHALATION:**

Unlikely to produce an inhalation hazard during normal use.

**CHRONIC:**

There are no known chronic effects from exposure to this material.

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**4. FIRST AID MEASURES**

**INHALATION:**

Allow the victim to rest in a well ventilated area. Seek immediate medical attention. In cases of inhalation of IDHL levels, evacuate the victim to a safe area as soon as possible. Loosen tight fitting clothing. If breathing is difficult, administer oxygen. Seek medical attention.

**EYE CONTACT:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lens. Do not use an eye ointment. Consult a physician if irritation persists after flushing eyes.

**SKIN CONTACT:**

No adverse effects anticipated by this route of exposure.

**INGESTION:**

No adverse effects anticipated by this route of exposure.

**5. FIRE FIGHTING MEASURES**

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Flashpoint and Method: 320 – 340°C  
Flammable Limits: N/A  
Autoignition Temperature: 240°C

**GENERAL HAZARD:**

Material is a cured polymer that is not expected to be hazardous under normal use conditions.

**FIRE FIGHTING INSTRUCTIONS:**

Either allow fire to burn out under controlled conditions or extinguish with water, foam or dry chemical. Use water spray to cool fire exposed surfaces.

**FIRE FIGHTING EQUIPMENT:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

**HAZARDOUS COMBUSTION PRODUCTS:**

Carbon monoxide and carbon dioxide.

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**6. ACCIDENTAL RELEASE MEASURES**

**LAND SPILL RESPONSE:**

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Not a RCRA hazardous waste.

**WATER SPILL:**

Not Applicable

**RECOMMENDED DISPOSAL:**

Not a RCRA hazardous waste. Dispose of in accordance with local, state, and federal regulations.

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**7. HANDLING AND STORAGE**

STORAGE TEMPERATURE: store manufacturer's instructions    STORAGE PRESSURE:  
Atmospheric

**GENERAL:**

Avoid storage in confined areas where temperatures may exceed 100 C (212 F).

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

Provide standard safety equipment including eye wash station.

**PERSONAL PROTECTION:**

Not Applicable

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Vapor Pressure:	Not Applicable	Vapor density:	Not Applicable
Specific Gravity:	Not Available	Evaporation Rate:	Not Applicable
Solubility in Water:	Not Soluble	Freezing point:	Not Applicable
pH:	Not Applicable	Odor:	slight initial odor
Boiling Point:	Not Applicable	Appearance:	closed cell foam
Viscosity:	Not Applicable	Physical state:	Solid

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**10. STABILITY AND REACTIVITY**

**GENERAL:**

This product is stable and hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION:**

Carbon monoxide and carbon dioxide.

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**11. TOXICOLOGICAL INFORMATION**

**TOXICITY TO ANIMALS:**

Not Determined. Cured product is expected to have a low toxicity to animals.

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**CHRONIC EFFECTS ON HUMANS:**

No medical conditions generally aggravated by exposure. No IARC monographs.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity: This material is not expected to be toxic to aquatic life.

**PRODUCTS OF BIODEGRADATION:**

Not Applicable.

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**13. DISPOSAL CONSIDERATIONS**

Not a RCRA hazardous waste. Ensure disposal in compliance with federal, state, and local disposal regulations.

**14. TRANSPORT INFORMATION**

Shipping Name: Not classified.  
Hazard Class: N/A  
ID No: N/A

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**15. REGULATORY INFORMATION**

TSCA (Toxic Substance Control Act):  
Components of this product are listed on the TSCA inventory.  
SARA Title III (Superfund Amendments and Reauthorization Act):  
Components of this product are listed under this statute.  
CERCLA (Comprehensive Response Compensation, and Liability Act):  
Components of this product are listed under this statute.

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**16. OTHER INFORMATION**

**NATIONAL FIRE PROTECTION ASSOCIATION**

Health - 0

Fire - 1

Reactivity - 0

**CREATION/REVISION SUMMARY:**

Created on July 23, 2007 by Cheryl Sykora, CIH, CSP, CHMM - LEGEND TECHNICAL SERVICES, INC., 88 Empire Drive, St Paul, MN 55103 phone 651-642-1150.

THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.