

## SAFETY DATA SHEETS

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

071098953

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

071098961



## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **HEAT BARRIER GEL**

APPLICATION: PROPRIETARY REFRACTORY CERAMIC INSULATING PASTE

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

### SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

NONE LISTED.

SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: PPM; TWA OSHA NO INGREDIENTS LISTED AS A HAZARD.

SKIN: MILD DRYING OR CHAPPING.

EYES: DIRECT EYE CONTACT MAY CAUSE IRRITATION.

INHALATION: LOW HEALTH RISK.

INGESTION: LOW TOXICITY EXPECTED.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

### SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

NONE LISTED.

### SECTION 4: FIRST AID MEASURES

SKIN: RINSE OFF WITH SOAP AND WATER.

EYES: FLUSH WITH COOL WATER FOR 15 MINUTES.

INHALATION: IF AFFECTED REMOVE TO FRESH AIR.

INGESTION: UNLIKELY IN LAB USE. GIVE LARGE AMOUNTS OF COOL WATER TO DRINK AND INDUCE VOMITING.

### SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: NON-FLAMMABLE.

FLAMMABLE LIMITS: LEL, UEL N/A

FIRE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NONE.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: CAN BE SPONGED UP AND FLUSHED WITH WATER. MATERIAL IS BIODEGRADABLE AND CAN ENTER SANITARY SEWER. OBSERVE ALL APPLICABLE FEDERAL AND LOCAL REGULATIONS.

### SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

### SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: MECHANICAL IS ACCEPTED.

SKIN: NOT USUALLY REQUIRED.

EYES: NOT NORMALLY NEEDED. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRE IN NORMAL USE.

OTHER: N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: LIGHT GREEN, SMOOTH, PASTY GEL.

PH OF SOLUTION: NEUTRAL

MELTING POINT: °F: 32

BOILING POINT: °F: 212

SPECIFIC GRAVITY: (H<sub>2</sub>O=1):APPROX. 1.2

EVAPORATION RATE: (BuAC =1): N/A

VAPOR DENSITY: (Air =1): N/A

PERCENT VOLATILE: GREATER THAN 50%

VAPOR PRESSURE: (mm Hg): N/A

WATER SOLUBILITY: INSOLUBLE, BUT RESIDUES CAN BE RINSED AWAY.

**SECTION 10: REACTIVITY DATA**

STABILITY: STABLE.

CONDITIONS TO AVOID: EXCESS HEAT, FREEZING.

INCOMPATIBILITY (MATERIALS TO AVOID): NONE.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

**SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: MILD DRYING OR CHAPPING.

EYES: DIRECT EYE CONTACT MAY CAUSE IRRITATION.

INHALATION: LOW HEALTH RISK.

INGESTION: LOW TOXICITY EXPECTED.

CHRONIC EXPOSURE: NO HUMAN DATA REPORTED

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXITY: NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: EXPECTED TO BE BIODEGRADABLE

BIOACCUMULATION: NOT EXPECTED TO BIOACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

**SECTION 13: DISPOSAL INFORMATION**

LABORATORY QUANTITIES MAY BE FLUSHED DOWN A DRAIN WITH WATER. LARGER QUANTITIES BY ANY MEANS IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

**SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: THE MATERIAL IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

**SECTION 15: REGULATORY INFORMATION**

LABELING: N/A

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: A  
NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

**SECTION 16: OTHER INFORMATION**

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**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

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Product Development Mgr.

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