

Item# 29230
9386K Series

THERMAL CERAMICS

MATERIAL SAFETY DATA SHEET

MSDS GROUP: 254

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PRODUCT IDENTIFICATION

**SUPERWOOL BLANKET
SUPERWOOL BULK FIBER**

NO: 1561

SECTION I

Manufacturer's Name: **THERMAL CERAMICS**
Address (Number, Street, City, State, Zip)
P.O. BOX 923, 2102 OLD SAVANNAH ROAD, AUGUSTA, GEORGIA 30903
Emergency Telephone Number:
(404) 796-4200
Chemical Name and Synonyms:
N/A MIXTURE

SECTION II - HAZARDOUS INGREDIENTS

| A. As Manufactured: | WT. % | TLV/PEL |
|--|------------|---|
| Mineral or Rock Wool [CAS # 65997-17-3] | 100 | 1 Fiber/cc* 5 mg/m³ Nuisance Respirable dust - OSHA 10 mg/m³ Nuisance Total dust - ACGIH |

* Thermal Ceramics Recommended Exposure Guidelines (REG)

B. After Normal Use:

SECTION III - PHYSICAL DATA

| | | | |
|--------------------------|--|--|-----|
| Boiling Point: | N/A | Specific Gravity Range (H ₂ O = 1): | ND |
| Vapor Pressure (mm Hg.): | N/A | Percent Volatile by Volume (%): | N/A |
| Vapor Density (Air = 1): | N/A | Evaporation Rate (Butyl Acetate = 1): | N/A |
| Solubility in Water: | Insoluble | | |
| Appearance and Odor: | White fibrous batt or blanket. No odor. | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|-------------------------------------|------|----------------------------|----------------------|
| Extinguishing Media: | N/A | Flash Point (Method Used): | |
| Flammable Limit: | N/A | | Not Flammable |
| Unusual Fire and Explosive Hazards: | None | LEL: | N/A |
| Special Fire Fighting Procedures: | None | UEL: | N/A |

SECTION V - HEALTH HAZARD DATA

Primary Route of Entry: **Inhalation, skin and eye contact**

WARNING: THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO:
A) CAUSE CANCER
OR
B) CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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SECTION V - HEALTH HAZARD DATA (cont.)

Effects of Overexposure: This substance or mixture has not been classified a carcinogen by NTP or OSHA. Exposure to dust should be minimized. Recent studies have reported statistically significant risk of lung cancer among mineral wool mfg. workers. However, the authors reported that their findings throw little light on whether the increased risk was due to fibers or other factors. Studies on laboratory animals fall into two categories: animals which breathed high concentrations showed no disease, while some exposed through artificial means (e.g., implantation) have developed cancer. Based on these human and animal studies, IARC has classified mineral wool as possibly carcinogenic for humans (Category 2B). Handling mineral wool products may generate respirable particulates which may cause temporary irritation or discomfort of the skin, eyes, nose, throat or lungs and may aggravate bronchial disorders.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. Ingestion: Drink plenty of water. Skin: Wash with soap and water. Eyes: Flush with plenty of water. If irritation persists, call a physician.

SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Materials/Conditions to Avoid: None

SECTION VII - SPILL OR LEAK PROCEDURES

Spill or Leak: Follow routine housekeeping procedures. Vacuuming with HEPA filter is preferred. If sweeping is necessary, use a dust suppressant. Waste Disposal: Wastes are not hazardous wastes as defined by RCRA (40 CFR 261). Comply with Federal, State and Local regulations. Method of Disposal: Landfill. RQ - N/A.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection
MSHA/NIOSH-approved
mineral wool fibers when
to 10 times REG/PEL - 3M
facepiece with high effieie

NOTE: See attached new "Respirator Protection
Guide" HS91-C2, December, 1991.

CFR 1910.134,
ast inhalation of
respectively. Up
L - Survivair full
- MSA 01-00-06

full facepiece type C supplied air or equivalent. OSHA-approved air source required.

Ventilation:

Local Exhaust:

Follow OSHA Standard 29 CFR 1910.94

Mechanical (General): Follow OSHA Standard 29 CFR 1910.94

Protective Gloves:

Recommended

Eye Protection:

Goggles or safety glasses with sideshields are recommended

Other Protective Equipment: Long sleeved shirts, long pants, cap. Wash work clothes separately from other clothing; rinse washer thoroughly.

SECTION IX - SPECIAL PRECAUTIONS

Storage Segregation Hazard Classes: Irritant. Always segregate materials by major hazard class.

Special Handling / Storage: Keep material dry.

Special Workplace Engineering Controls: Adequate ventilation to keep dust level to below PEL/
TLV/WEG (Workplace Exposure Guideline).

As of the date of the preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given. For further information, refer to Thermal Ceramics' pamphlet, "HEALTH AND SAFETY ASPECTS OF REFRACTORY CERAMIC FIBERS", dated 05/90.

DATE PREPARED: 09/01/90

DATE REVISED: 08/01/91

