

MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT Thermashield SE Insulation Blankets
FINISH Natural
DESCRIPTION Needled felt/woven fabric composite

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL OR COMMON NAME	MAX. % BY WEIGHT	UN#	CAS#	TLV (SOURCE)	PEL (SOURCE)
Amorphous Silica Fiber	50	not assigned	7631-86-9	10 mg/m ³ (Nuisance Dust)	6 mg/m ³ (Total Dust) 3 mg/m ³ (Respiratory fraction)
Synthetic vitreous fiber based on silicic acid *	60	not assigned	not assigned	not assigned	not assigned
Starches, PVA, lubricants, surfactants, etc.	2	not assigned	not assigned	not assigned	not assigned

*The fibers in this product are not considered hazardous. These fibers are classified “non-respirable.” The total crystalline content is below the detectable limit.

SECTION 3 - PHYSICAL DATA

Specific Gravity: Approx. 2.6
APPEARANCE/PHYSICAL STATE: White, beige solid

SOLUBILITY IN WATER: Negligible

ODOR: No distinctive odor

SECTION 4 - FIRE HAZARD DATA

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Water, dry powder, or foam (needed for packaging only).

SPECIAL FIRE FIGHTING PROCEDURE: In any sustained fire, wear self-contained breathing apparatus.

UNUSUAL FIRE HAZARDS: In a sustained fire, combustible decomposition products may be released. These products include carbon dioxide, carbon monoxide and low molecular weight hydrocarbons**

SECTION 5 - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS/MATERIALS TO AVOID: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None generated under normal storage or handling conditions.

SECTION 6 - HEALTH HAZARD DATA

POTENTIAL ROUTES OF ENTRY: Inhalation, skin contact, eyes

EFFECTS OF OVEREXPOSURE:

Inhalation: Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

Skin: Direct skin contact with the fibers or dust may cause mechanical irritation and transitory dermatitis.

Eyes: Fibers and particles could cause eye irritation.

Needled mat products may contain broken steel needles, which can cause physical injury.

EMERGENCY AND FIRST AID PROCEDURE:

Inhalation: Move to fresh air area.

Ingestion: Not likely to occur through normal use, should ingestion occur seek medical attention.

Eyes: Flush with flowing water for 15 minutes - seek medical attention

Skin: Flush with ample cool water followed by washing with mild soap to remove accumulated fibers.

CARCINOGEN: Not classified as regulated under ACGIH, IARC, NTP, or OSHA.

SECTION 7 - SPECIAL PROTECTION REQUIRED

Contact with and normal use of this product can result in the creation of airborne particles. Exposure to fibers and particulates made from silicic acid may cause mechanical irritation to the skin, eyes, nose and throat. Typically such irritation occurs to newly exposed individuals, and usually diminishes after several days of exposure.

RESPIRATORY: A disposable mask designed for nuisance type dusts is recommended where high dust levels may be encountered.

VENTILATION: Normal area ventilation is sufficient in most cases to keep dust and fiber levels to a minimum.

SKIN: Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

EYE: Not normally required, but as a good safety work practice, suggest the wearing of appropriate eye protection such as safety glasses/side shields or goggles whenever use of the product releases airborne fibers or particles.

OTHER: Observe good personal hygiene.

SECTION 8 - CONTAINMENT AND DISPOSAL

CONTAINMENT AND CLEAN UP: Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant.

DISPOSAL: Dispose according to local, state, and federal laws. This material is not regulated under RCRA hazardous waste regulations.

SECTION 9 - SPECIAL PRECAUTIONS

SHIPPING: Not regulated by DOT; not classified by TDG

STORAGE: Store in dry area.

SECTION 10 - REGULATORY INFORMATION

EPA, RCRA 40 CFR, Part 261, 1990: Non-hazardous

CERCLA: Not listed

SARA TITLE III: Exempt by definition

PA RIGHT-TO-KNOW: Less than reportable quantity

TSCA INVENTORY: Listed

CA PROPOSITION 65: Not regulated

MA RIGHT-TO-KNOW: Less than reportable quantity

NJ RIGHT-TO-KNOW: Less than reportable quantity

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Technical/Emergency Information: (336) 545-0011

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