Interface
Performance Materials

SAFETY DATA SHEET (SDS)

20 May 2015

I. Product Identification

Product Name :

1401 Ceramic Fiber Thermal Millboard

Manufacturer :

Interface Performance Materials, Inc. 216 Wohlsen Way, Lancaster, PA 17603 Tel : 717-207-6000

Manufacturing Locations :

Fulton, NY 13069, Beaver Falls, NY 13305, Hoosick Falls NY 12090 Lancaster, PA 17603

Emergency Only Contact : Chem-Tel Inc 800-255-3924

2. Hazards Identification

CAUTION : may contain small amounts of crystalline silica. Prolonged or repeated exposure to dust may cause nose and throat irritation. Excessive long term exposure to silica dust in excess of the PEL or TLV may cause silicosis. Dust exposure in excess of the TLV is not expected since the materials are primarily bound in the product.

HMIS Rating (0 = minimal hazard; 4 = severe hazard)

Health = 1 Fire = 1 Reactivity = 0

3. Composition Ingredient Information

Hazardous Components

(Chemical Identity; Common Name)	C.A.S No.	%	OSHA PEL	ACGIH TLV
Refractory Ceramic Fiber	142844-00-6	35-60	0.5 fiber/c^3 (Respirable Dust as crystalline silica)	0.2 fiber/c^3
Aluminum Silicate *	N/A	30-45	10 mg/m^3	0.05 mg/m^3

* Aluminum Silicate is a mined product. Supplier information states that it may contain small, varying amounts (<1%) of respirable crystalline silica.

This product consists of a trade secret formulation comprised of a combination of synthetic rubber binder systems, synthetic fibers, and domestic grade inert clay. This product formulation does not contain asbestos.

4. First Aid Measures

Eyes: Flush with plenty of water for 15 minutes. Seek medical attention if irritation develops or symptoms persist.

Inhalation: N/A

Ingestion: Call physician or Poison Control Center

Skin Contact: Wash with plenty of soap and water. Refer to physician if irritation develops or symptoms persist.

Health Data

A. Primary Route(s) of Entry : Inhalation

B. Target Organs : Lungs

Effects of Overexposure :

Skin and Eyes : Contact may produce slight transient irritation.

Inhalation : Dust exposure in excess of the TLV is not expected since the materials are primarily bound in the product.

C. Carcinogenicity : NTP : Yes IARC Monographs : Yes OSHA Regulated : No

NTP has classified respirable crystalline silica as a probable carcinogen. IARC has established a 1 classification to crystalline silica as a known carcinogen to humans.

D. Medical Conditions Generally Aggravated by Exposure : Those conditions aggravated by a pulmonary irritant

5. Fire Fighting Measures

Extinguishing media : Carbon dioxide, foam, dry chemical, water spray

Special Fire Fighting Procedures : Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus.

Unusual Fire and Explosion Hazards : None

6. Accidental Release Measures

Steps to be taken if material is released or spilled :

Not Applicable

7. Handling and Storage

Special Precautions for handling : None known

Storage : The substance is very stable, has no known temperature restrictions, and is not incompatible with any known substance under normal circumstances.

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8. Exposure Controls

A. Ventilation : Normal, ambient air circulation or ventilation is adequate.
B. Respiratory Protection : If the handling process generates excessive dust, wear NIOSH approved dust respirator.
C. Skin and Eye Protection : It is always a good safety practice to avoid contact with eyes and prolonged contact with skin. Use latex or rubber gloves to avoid contact with the skin.

9. Physical and Chemical Properties

A. Appearance and Color : off-white cream fiberboard
B. Upper/lower Flammability or Explosive Limits : N/A
C. Odor : N/A
D. Vapor pressure : N/A
E. Odor threshold : N/A
F. Vapor density : N/A
G. pH : N/A
H. Relative Density : N/A
I. Melting / Freezing Point : N/A
J. Solubility : N/A
K. Initial boiling point and boiling range : N/A
L. Flash Point : N/A
M. Evaporation Rate : N/A
N. Partition co-efficient - n-octanol/water : N/A
O. Auto-ignition temperature : N/A
P. Decomposition Temperature : N/A
Q. Viscosity : N/A

10. Stability and Reactivity

A. Stability : Stable
B. Incompatibility : N/K
C. Hazardous Decomposition Products : Carbon monoxide, carbon dioxide, and other toxic vapors and gases that are common to thermal degradation of organic compounds.

11. Toxilogical Information

Single Dose Oral Toxicity - The LD50 is greater than 5.0 g/kg of body weight
Acute Dermal Toxicity - The LD50 is greater than 2.0 g/kg of body weight
Primary Dermal Irritation / Corrosion - The compound is a non-irritant and non-corrosive.
Primary Eye Irritation / Corrosion - The compound is a non-irritant and non-corrosive.
Skin Sensitization - Negative

12. Ecological Information

Acute Toxicity to Fish : N/K
Acute Toxicity to Daphnia : N/K
Algal Inhibition : N/K
Readily Biodegradable : N/K

13. Disposal Considerations

Dispose of in accordance with all federal, state, and local waste disposal regulations. Landfill is suggested as an appropriate method of disposal. Incineration is an acceptable method.

14. Transportation Information

Thermal Millboard - not classified
Hazard Class / ID No. – not applicable

15. Regulatory Information

N/A

16. Other Information

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.