



High Performance Foams

171 West St. Charles Road, Carol Stream, IL 60188-2081 / 630-784-6200 / Fax: 630-784-6201

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: EP-3990

CHEMICAL FAMILY: Filled Silicone Foam on Fiberglass

HMIS RATING: H 0 F 0 R 0

USE OF MATERIAL: Fire Block Materials

DATE ISSUED: 8/7/2007

EMERGENCY PHONE: 860-774-9605 (Monday – Friday 8 a.m. – 5 p.m. EST)

CHEMTREC: 800-424-9300 (U.S. & Canada) (24 Hours)
703-527-3887 (International – Call Collect) (24 Hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Alumina Trihydrate	21645-51-2	244-492-7	< 60	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC
Treated Silica	Trade Secret	Trade Secret	< 15	5 mg/m ³ (Nuisance Dust)	5 mg/m ³ (Nuisance Dust)		Not Classified under 67/548/EC
Fiberglass Backing (Continuous filament)	65997-17-3	266-046-0	Varies	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC
Aluminum Oxide	1344-28-1	215-691-6	< 35	5 mg/m ³ (Resp. Dust)	10 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC

The Material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200 or EU directive 1999/45/EC, and do not present a health or environmental hazard according to directive 67/548/EC.

3. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: Not classified under 67/548/EC.

LABELING REQUIREMENTS: None

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.

INHALATION: Dusts may cause respiratory irritation.
 EYE CONTACT: Dusts may cause irritation.
 SKIN CONTACT: Dusts may cause irritation.
 INGESTION: None known.
 CHRONIC: None known.

4. FIRST-AID MEASURES

INHALATION: Dust: Remove to fresh air. Obtain medical attention if symptoms persist.

EYE CONTACT: For Dust: Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.

SKIN CONTACT: Wash contacted areas thoroughly with soap and water.

INGESTION: Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention.

5. FIRE-FIGHTING MEASURES

FLASH POINT: NE °C (°F) Flammable Limits: LEL NA UEL NA
 AUTOIGNITION TEMPERATURE: NE °C (°F)

EXTINGUISHING MEDIA: X Water Spray X Foam X CO₂
 X Dry Chemical Other –

SPECIAL FIRE FIGHTING PROCEDURES: Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective equipment. Avoid dust contact with eyes and respiratory tract.

ENVIRONMENTAL PRECAUTIONS: Prevent from entering sewer system, surface water or soil.

CLEANING METHODS: Normal clean-up.

7. HANDLING AND STORAGE

HANDLING: Wear suitable protective equipment (refer to Section 8). Wash hands with soap and water after handling.

STORAGE: Keep in a cool, well-ventilated area.

8. ENGINEERING CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed under normal conditions. If material is heated and odors are noticeable and/or irritating, consult a qualified individual to evaluate each situation.

VENTILATION
 LOCAL: Recommended in heating, finishing, hot wire, and laser cutting operations.

GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Cotton gloves to protect from fiberglass.
EYE:	Safety glasses are recommended with all industrial operations.
SKIN:	Any material that will prevent contact with fiberglass.
OTHER:	Safety shower and eye wash where tissue contact is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Silicone Material – Fiberglass Backing
ODOR:	Slight Characteristic
PHYSICAL STATE:	Solid, Off-White
BOILING POINT:	NA
MELTING POINT:	NE
FREEZING POINT:	NA
FLASH POINT:	°C (°F)
WATER SOLUBILITY:	Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	.5 (Water = 1)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	0.5 g/cc
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA

10. STABILITY AND REACTIVITY

STABLE UNSTABLE

MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, and Hydrocarbons

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:	None
ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated
UN PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS (ES): Not Regulated
PACKING GROUP: Not Regulated
ENVIRONMENTAL HAZARDS: Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:
Canadian (DSL/NDL): All materials are listed.
Australian (ACIS): All materials are listed.
Korea (KECI): All materials are listed.
Japan (ENCS, MITI): All materials are listed.
China (SEPA): All materials are listed.
EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

European:
Symbol: Not classified according to directive 67/548/EEC (dangerous substances) and 1999/45/EC (dangerous preparations).

R-Phase(s):
S-Phase(s):

TSCA: All materials are listed or exempt from TSCA listing.
(*Toxic Substances Control Act*):
CERCLA: NA
(*Comprehensive Emergency Response, Compensation, and Liability Act*):
SARA TITLE III: NA
(*Superfund Amendments and Reauthorization Act*):
EU Directive 2002/95/EEC: Compliant
311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
1344-28-1	Aluminum Oxide	< 35

16. OTHER INFORMATION

NA = Not Applicable
NE = Not Established
NC = Not Classified

FILE: EP 3990
99203
PREPARED BY: Michal Werbecki
REVIEWED BY: Frances Walsh

Date Prepared: 08/07/2007
REVISION ITEMS & DATE:

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