



Material Safety Data Sheet

Composite Technologies Corporation
Boone, IA 50036
Emergency Phone: (515) 433-6075
Product Name: THERMOMASS® Building System (Composite Connector
Rod Assembly)

Effective Date: 5/15/2001
Printed Date: 4/02/2003

1. Ingredients:

Rod:

70% Glass Fiber
30% Cured Vinyl Ester Resin

Collar/Snaplocks/Spool Connectors:
100% Polystyrene

2. Physical Data:

Boiling Point:

°F N/A °C N/A

Vapor Pressure:

MMHG: N/A

Vapor Density: (Air=1)

N/A

SOL. In Water:

N/A

SP. Gravity:

N/A

Freezing Point: (Optional)

N/A

Appearance:

Grey w/ Blue or Black Collar; Blue or Black Snap Locks, Black Spool
Connectors

Odor:

N/A



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3. Fire & Explosion Hazard Data:

Flash Point:

°F: N/A °C: N/A

Method Used:

TCC: N/A PMCC: N/A SFCC: N/A Other (Specify): N/A

Flammable Limits:

N/A

Auto-ignition Temperature:

910 °F (490 °C)

Extinguishing Media:

Agents approved for Class A hazards (e.g. halogen agents, foam, steam or water fog)

Fire & Explosion Hazards:

In a sustained fire, glass binders may decompose releasing hazardous products of combustion. Resin may decompose and release CO. Incomplete combustion of Polystyrene can produce, and other harmful products.

Fire-Fighting Equipment:

In a sustained fire, self-contained breathing apparatus (SCBA) should be worn.

4. Reactivity Data:

Stability: (Conditions To Avoid)

STABLE

Incompatibility: (Specific Materials To Avoid)

NONE



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4. Reactivity Data: (Continued From Page 2)

Hazardous Decomposition Products:

Pyrolysis products such as CO, CO₂

Hazardous Polymerization:

Not Applicable

Will Not Occur

Will Occur Under Which Conditions:

5. Environmental and Disposal Information:

Environmental Data: (Optional) (H&ES)

Action To Take For Spills/Leaks:

N/A

Disposal Method:

Burn in adequate incinerator or bury in an approved landfill, in accordance with state, federal, and local regulations.

6. Health Hazard Data:

Eye:

Safety glasses with side shields

Skin Contact:

Protective gloves may reduce skin irritation in some operations.

Skin Absorption:

N/A

Ingestion:

N/A



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6. Health Hazard Data: (Continued From Page 3)

Inhalation:

Exposure to glass fibers sometimes causes irritations of the nose and throat.

Systemic & Other Effects:

N/A

7. First Aid Procedures:

Eyes:

Flush eyes with clear water for at least 15 minutes. Proceed to seek medical attention.

Skin:

Rinse contacted areas with room temperature to cool water, and then wash gently with mild soap. If fiberglass becomes imbedded, seek medical attention.

Inhalation:

If airborne fiberglass concentrations exceed permissible exposure levels, respiratory protection for nuisance dusts.

Note To Physician: (Optional)

8. Handling Precautions:

Exposure Guideline(s):

Exposure to glass fibers sometimes causes irritation of the skin and less frequently, irritation of the eyes, nose or throat.

Ventilation:

N/A



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8. Handling Precautions: (Continued From Page 4)

Respiratory Protection:

None normally required; however, if airborne fiberglass concentrations exceed permissible levels, respiratory protection for nuisance dusts in accordance with OSHA 1910.134 should be provided.

Skin Protection:

Protective gloves may reduce skin irritation in some operations.

Eye Protection:

Safety glasses with side shields.

9. Additional Information:

Special Precautions to be taken in handling and storage: (Optional)

Protective Gloves – May reduce skin irritation in some operations

Eye Protection – Safety glasses with side shields

Other PPE – Use of Personal Protective Equipment in the form of long sleeve shirts, buttoned to fit loosely at the neck and wrists, long pants, and good personal hygiene will maximize comfort.

The information herein is given in good faith, but no warranty, express or implied, is made.