

MATERIAL SAFETY DATA SHEET

Product: FortiFlash®

Effective: September 14, 2005
Supercedes: July 10, 1999

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SECTION I

Company Name
Fortifiber Corporation

Emergency Telephone No.
508-222-3500

Address: 55 Starkey Ave., Attleboro, MA 02703

Chemical Name & Synonyms
N/A

Trade Name & Synonyms
FortiFlash®

Chemical Family
Polyolefin & Petroleum Asphalt

Formula
N/A

SECTION II - HAZARDOUS INGREDIENTS

Ingredient: Petroleum Asphalt

Percentage: 70 – 80%

CAS # : 8052-42-4

Exposure Limits: 5mg/m³

LD₅₀ / LC₅₀: ACGIH, NIOSH

SECTION III - PHYSICAL DATA

Boiling Point (°F.)
N/A

Specific Gravity (Water=1)
0.9 - 1.1

Vapor Pressure (mmHg.)
N/A

Percent, Volatile by Volume (%)
N/A

Vapor Density (Air=1)
N/A

Evaporation Rate (Butyl Acetate=1)
N/A

Solubility in Water: Negligible

Appearance & Odor: White polyolefin film with an asphalt-based adhesive. A release liner covers the adhesive but is removed during product installation. Slight petroleum odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point 204°C

Method COC

Auto Ignition Temperature: 370 – 480°C

Flammable Limits N/A

LeL N/A

VeL N/A

Extinguishing Media: Water spray, CO₂, foam, dry chemicals

Hazardous Combustion Products: On burning SO₂ and CO₂. Main combustion products are water, carbon dioxide and carbon (as heavy smoke).

Special Fire Fighting Procedures: Use water spray or fog to keep fire-exposed containers cool. Do not point solid water directly into burning asphalt to avoid spreading. Wear self-contained breathing apparatus and protective clothing when fumes or smoke are present.

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value Not Applicable

LD₅₀ / LC₅₀: Not Applicable

Effects of Overexposure:

INHALATION: Product not a problem in normal use. In molten form, inhalation of fumes can cause nausea, headache and dizziness

EYES: Low hazard for normal industrial handling.

SKIN: Molten material will produce thermal burns.

INGESTION: Not an anticipated route of exposure.

Emergency and First Aid Procedures

INHALATION: Remove victim to fresh air, if irritation persists administer oxygen and get medical attention.

SKIN: If burned by contact with molten material, cool as quickly as possible and see a physician for treatment of burn.

INGESTION: Ingestion is unlikely but should it occur do not induce vomiting. In general no treatment is necessary unless large quantities are ingested, however, get medical advice.

SECTION VI - REACTIVITY DATA

Stability: Stable X Unstable ____

Conditions to Avoid Fire or excessive heat approaching flash point, exposure to strong oxidizing agents or acids (such as nitric acid or sulfuric acid).

Hazardous Polymerization: May Occur ____ Will not Occur X.

Hazardous Decomposition Products: As with any organic material, combustion will produce carbon monoxide, acrolein and aldehydes.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: If product has been heated and liquefied, allow to cool and solidify. Break up into small pieces, recover and place in drums.

Waste Disposal Method: Incineration or landfill. Observe all federal, state and local laws concerning health and the environment.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None

Ventilation: - Local Exhaust: N/A

Mechanical: N/A

Special: N/A

Other: N/A

Protective Gloves
Recommended

Eye Protection
None

Other Protective Equipment
Long sleeved clothing

Work/Hygienic Practices
Avoid unnecessary skin contact.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

Other Precautions N/A

Store in a dry, cool area protected from the sun.
Do not store near open flame. Keep material dry.
Use reasonable care and caution in handling.

SECTION X - REGULATORY

SARA / TITLE III

This product does not contain a toxic chemical for routine annual toxic chemical reporting under Section 313 (40 CFR 372).

DISCLAIMER: The information provided herein is believed to be accurate but is not warranted to be whether it originated with Fortifiber Corporation or not. Much of the information contained in this Material Safety Data Sheet originates from suppliers: this information cannot be warranted by Fortifiber Corporation to be correct or appropriate for the recipient's intended use. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.
