

**MATERIAL SAFETY DATA SHEET**

**Company Name:** FORTIFIBER CORPORATION  
**Address:** 419 W PLUMB LANE  
**City / State / Zip:** RENO / NV / 89509  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 11/2/2011  
**Date Prepared:** 11/9/2011  
**MSDS Number:** M705030 ; M705040 ; M706030 ; M706040 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** FORTIFLASH  
**HMIS Ratings:**  
Health: Minimal(0)  
Flammability: Minimal(0)  
Instability/Reactivity: Minimal(0)  
**NFPA Ratings:**  
Health: Minimal(0)  
Flammability: Minimal(0)  
Instability/Reactivity: Minimal(0)

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

<b>Chemical Ingredients</b>	<b>C.A.S. Number</b>	<b>% By Weight</b>	<b>ACGIH TLV TWA/STEL</b>	<b>OSHA PEL TWA/STEL</b>	<b>Other TWA/STEL</b>	<b>LD50</b>	<b>LC50</b>
PETROLEUM ASPHALT	8052-42-4	70 - 80			EXPOSURE LIMITS: 5 MG/M <sup>3</sup>	ACGIH,NIOSH	
<b>Notes</b>							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** LOW HAZARD FOR NORMAL INDUSTRIAL HANDLING.  
**Skin:** MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS.  
**Ingestion:** NOT AN ANTICIPATED ROUTE OF EXPOSURE.  
**Inhalation:** PRODUCT NOT A PROBLEM IN NORMAL USE. IN MOLTEN FORM, INHALATION OF FUMES CAN CAUSE NAUSEA, HEADACHE AND DIZZINESS.  
**Other:** THRESHOLD LIMIT VALUE: NOT APPLICABLE.

**IV. FIRST AID MEASURES**

**Skin:** IF BURNED BY CONTACT WITH MOLTEN MATERIAL, COOL AS QUICKLY AS POSSIBLE AND SEE A PHYSICIAN FOR TREATMENT 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.  
**Inhalation:** REMOVE VICTIM TO FRESH AIR, IF IRRITATION PERSISTS ADMINISTER OXYGEN AND GET MEDICAL ATTENTION.

**V. FIRE FIGHTING MEASURES**

**Flash Point:** 204°C  
**Test Method:** COC

<b>Lower Flammability Limit:</b>	N/A
<b>Upper Flammability Limit:</b>	N/A
<b>Extinguishing Agents:</b>	WATER SPRAY, CO2, FOAM, DRY CHEMICALS
<b>Unusual Fire or Explosion Hazards:</b>	HAZARDS COMBUSTION PRODUCTS: ON BURNING SO2 AND CO2. MAIN COMBUSTION PRODUCTS ARE WATER, CARBON DIOXIDE AND CARBON (AS HEAVY SMOKE).
<b>Fire Fighting Procedures:</b>	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.
<b>Other:</b>	AUTO-IGNITION TEMPERATURE: 370 – 480°C

#### VI. ACCIDENTAL RELEASE MEASURES

<b>Containment/Cleanup:</b>	IF PRODUCT HAS BEEN HEATED AND LIQUEFIED, ALLOW TO COOL AND SOLIDIFY. BREAK UP INTO SMALL PIECES, RECOVER AND PLACE IN DRUMS.
-----------------------------	---

#### VII. HANDLING AND STORAGE

<b>Other:</b>	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. OTHER PRECAUTIONS: N/A
---------------	---

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	NONE.
<b>Skin:</b>	PROTECTIVE GLOVES: RECOMMENDED. OTHER PROTECTIVE EQUIPMENT: LONG SLEEVED CLOTHING.
<b>Respiratory:</b>	NONE.
<b>Engineering:</b>	LOCAL EXHAUST: N/A SPECIAL: N/A
<b>Other:</b>	MECHANICAL: N/A OTHER: N/A WORK/HYGIENIC PRACTICES: AVOID UNNECESSARY SKIN CONTACT.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	WHITE POLYOLEFIN FILM *
<b>Boiling Point:</b>	N/A
<b>Solubility in Water:</b>	NEGLIGIBLE
<b>Specific Gravity:</b>	(WATER = 1): 0.9 – 1.1
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	(AIR=1): N/A
<b>Volatile Content:</b>	PERCENT, VOLATILE BY VOLUME(%): N/A
<b>Other:</b>	*WITH AN ASPHALT-BASED ADHESIVE. A RELEASE LINER COVERS THE ADHESIVE BUT IS REMOVED DURING PRODUCT INSTALLATION. EVAPORATION RATE(BUTYL ACETATE=1): N/A

#### X. STABILITY AND REACTIVITY

<b>Stability:</b>	STABLE.
<b>Hazardous Polymerization:</b>	WILL NOT OCCUR.
<b>Hazardous Decomposition Products:</b>	AS WITH ANY ORGANIC MATERIAL, COMBUSTION WILL PRODUCE CARBON MONOXIDE, ACROLEIN AND ALDEHYDES.
<b>Conditions To Avoid:</b>	FIRE OR EXCESSIVE HEAT APPROACHING FLASH POINT, EXPOSURE TO STRONG OXIDIZING AGENTS OR ACIDS (SUCH AS NITRIC ACID OR SULFURIC ACID).

**XI. TOXICOLOGICAL INFORMATION**

**XII. ECOLOGICAL INFORMATION**

**XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** INCINERATION OR LANDFILL. OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS CONCERNING HEALTH AND THE ENVIRONMENT.

**XIV. TRANSPORT INFORMATION**

**XV. REGULATORY INFORMATION**

**EPA Sara Title III Chemical Listings:** THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL FOR ROUTINE ANNUAL TOXIC CHEMICAL REPORTING UNDER SECTION 313 (40 CFR 372).

**XVI. OTHER INFORMATION**

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.