

Firestone Fibers and Textiles Company, LLC

Material Safety Data Sheet

March 2, 2009

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: F-62; WV-62
Chemical Name / Synonym: RP16648
Chemical Family: Hydrocarbon resin
24-Hour Emergency Phone: (800) 424-9300 CHEMTREC
(704) 734-2149 (Firestone 24-hour Security)
Manufacturer's Name: Firestone Fibers and Textiles Company, LLC
Manufacturer's Address: 100 Firestone Lane, King's Mountain, NC 28086
NFPA Hazard Rating: Health 2, Flammability 0, Reactivity 0
HMIS Hazard Rating: Health 2, Flammability 0, Reactivity 0
OSHA Hazardous: Yes

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
1,3-dihydroxybenzene	Resorcinol	108-46-3	<17	TLV 10 ppm ACGIH STEL 20 ppm
Resorcinol oligomers	Hydrocarbon Resin	None	<38	None Established
Water	None	7732-18-5	<52	None Established

R22 Harmful if swallowed.

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation, Skin
Signs and Symptoms of Exposure: Resorcinol is a strong skin, eye and upper respiratory system irritant. It can cause systemic toxicity by acting on the blood and nervous systems, spleen, liver and kidneys. Resorcinol may be absorbed through the skin resulting in reddening and itching of the skin, dermatitis and edema. Resorcinol (100%) LD₅₀ : 301 mg/kg, rat, oral.
Medical Conditions Aggravated by Exposure: Exposure to this material may aggravate pre-existing skin and respiratory conditions.
Chronic Effects: None Known
Carcinogenicity: Resorcinol is classified as an IARC Class 3 Carcinogen (Unclassifiable as to Carcinogenicity in Humans).

SECTION 4: FIRST AID MEASURES

First Aid Procedures: In case of eye contact, open eyelids and flush eyes immediately with water for at least fifteen minutes, preferably at an eyewash fountain. If the material contacts the skin, remove the product by washing exposed surfaces with soap and water. If eye or respiratory irritation is experienced, move to fresh, uncontaminated air. Call a physician if eye, skin or respiratory irritation persists or if the material is accidentally ingested.

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SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	To fight fire, use water, carbon dioxide, or dry chemical.
Hazardous Combustion Products:	Carbon and sulfur oxides, acrid smoke and fumes. Resorcinol, formaldehyde, hydrogen sulfide may be released at high temperatures.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus when fighting fires involving this material.
Unusual Fire and Explosion Hazards:	Heat builds up in pressure in closed containers. Cool containers of this material with a water stream.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Assess the conditions of the emergency and determine the appropriate personal protective equipment that responders must wear. Evacuation may be necessary. Contain spill with absorbent material and place into drums for disposal.

SECTION 7: HANDLING AND STORAGE

Store this material at room temperature in a closed container. Hydrogen sulfide may accumulate in the headspace of sealed containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Process, handle and store this material in an area that is provided with local or general exhaust ventilation to maintain exposure levels below the applicable exposure limits.
Respiratory Protection:	If personal exposure concentrations cannot be maintained below the appropriate exposure limits using engineering controls, a NIOSH approved full face organic vapor air purifying respirator may be appropriate based on employer-determined exposure levels. Air supplied or SCBA respirators may be required when the measured chemical concentration exceeds the capacity of the air purifying respirator or when personal exposure levels are unknown.
Eye Protection:	Individuals pouring, mixing, or applying this product in a way that may cause splashing must wear chemical splash goggles and a full-face shield.
Skin Protection:	Neoprene, nitrile, butyl, natural rubber, PVC or viton chemical resistant gloves are necessary to prevent skin contact during pouring, mixing or applying this product.
Other:	Operators handling this product must wear suitable clothing and footwear to prevent skin contact.
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Red/Brown liquid /rotten egg odor		
Flash Point:	Not applicable	Lower Explosive Limit:	Not applicable
Method Used:	Not applicable	Upper Explosive Limit:	Not applicable
Evaporation Rate:	Unknown	Boiling Point:	100° C
pH (undiluted product):	3 - 4.5	Melting Point:	Unknown
Solubility in Water:	Soluble	Specific Gravity:	1.16
Vapor Density:	Unknown	Percent Volatile:	Unknown
Vapor Pressure:	Unknown		

SECTION 10: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid contact with acids, alkalis and strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Resorcinol (100%) LD₅₀ : 301 mg/kg, rat, oral.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Contain spill with absorbent material and place into drums for disposal. Dispose of material according to local regulations.

SECTION 14: TRANSPORTATION

Regulatory Agency:	Not Applicable
Proper Shipping Name:	Not Applicable
Hazard Classification:	Not Applicable
Identification Number:	Not Applicable
Labels Required:	Not Applicable
Other Requirements:	Not Applicable

SECTION 15: REGULATORY INFORMATION

OSHA hazardous.

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SECTION 16: OTHER INFORMATION

Additional Comments:	R22 Harmful if swallowed.
Date of Previous MSDS:	July 1, 2008
Changes Since Previous MSDS:	Company name change
Telephone Number for Additional Information:	(704) 734-2121 or (704) 734-2151

DISCLAIMER

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Fibers and Textiles Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Fibers and Textiles Company, LLC assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.