

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200.
 Standard must be consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved OMB No. 1218-0072

IDENTITY (As Used on Label and List)
 Derbicolor® P - FR

APP Modified Bitumen Roofing Material

Section I – Product and Company Identification

Manufacturer's Name
 DERBIGUM (Performance Roof Systems, Inc.)

Emergency Telephone Number
 800-727-9872

Address
 4821 Chelsea Ave. Kansas City, MO 64130

Telephone Number for Information
 800-727-9872

Internet:
 www.Derbicum.com

Date Prepared: July 25, 2012

Date Revised:

Section II - Hazardous Ingredients/Identity Information

Hazardous Components Identity: (Specific Chemical Common Name(s))	CAS NO.	ACGIH TLV	% (optional)
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Roofing Sheet composed of:

Petroleum Asphalt	8052-42-4	5mg/m3*	50-70
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Polypropylene	9003-07-0	Not established	18-30
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Talc Stabilizer	14807-96-6	N/A	0-10
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Calcium Carbonate Combined with FR Filler	Specific information supplied upon written request		
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Fiberglass Mat	65997-17-3	Not established	5-25
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Non-Woven Polyester	Not Available	Not established	5-25
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Sand Dusting (parting agent)	14808-60-7	10 mg/m3	3-25
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Granule Face Surface	Inert Rock	N/A	N/A
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* As Fumes

Section III - Physical / Chemical Characteristics

Boiling Point	> 900°F	Specific Gravity (H ₂ O =1)	1.0 - 1.5
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Vapor Pressure (mm Hg.)	< 0.1	Melting Point	N/A
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Vapor Density (AIR=1)	> 20	Evaporation Rate (Butyl Acetate = 1)	N/A
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Solubility in Water: Nil

Appearance and Odor: Black appearance, characteristic petroleum, slight asphalt odor.

Section IV - Fire and explosion Hazard Data

Flash Point (Method Used) 520-650° F (ASTM D92)	Flammable Limits >750°F	LEL 1%	UEL 6%
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Extinguishing Media: CO₂, Foam, dry chemical

Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed area and treat as a fuel oil fire.

Unusual Fire and Explosion Hazards: NONE

In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.

(Reproduce locally)

OSHA 174

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	N/A under normal warehouse storage
Incompatibility (Materials to avoid): Avoid contact with concentrated acids, hydrocarbons, oils			
Hazardous Decomposition or Byproducts: Asphalt fumes may occur on overheating			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Overheating may cause fire
Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Yes-During heat application of product generating asphalt fumes.			
Health Hazards (Acute and Chronic)			
Acute: Nose and throat irritation. May cause dizziness.			
Chronic: There are no studies indicating asphalt causes cancer or respiratory damage in man.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Nose and throat, eye irritation			
Medical Conditions Generally Aggravated by Exposure: None Known			
Emergency and First Aid Procedures: Remove individual to fresh air. If irritation persists, seek medical attention.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
No special precautions: use good housekeeping			
Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. If you are unsure of the regulations, contact your local Public Health Department, or the local Environmental Protection Agency (EPA).			
Precautions to Be Taken in Handling and Storing: Warehouse storage should be in accordance with package directions, if any, material should be kept on pallets and protected from moisture.			
Other Precautions: none			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): N/A under normal conditions of use.			
Ventilation	Local Exhaust	Special: None	
	Mechanical (General): N/A	Other	
Protective Gloves: Yes, leather or cotton gloves are recommended.	Eye Protection: Not normally necessary		
Other Protective Clothing or Equipment: Long sleeve shirt, trousers, smooth bottom work shoes.			
Work/Hygienic Practices: Wash hands after application.			