

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 <i>(As Used on Label and List)</i> PRS Modified Base Sheet		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.Derbigum.com		
Date Prepared: January 25, 1995		Date Revised: November 24, 2009		
Section II - Hazardous Ingredients/Identity Information				
Hazardous Components Identity: <i>(Specific Chemical Common Name(s))</i>		CAS NO.	ACGIH TLV	% (optional)
Roofing Sheet composed of:				
Petroleum Asphalt		8052-42-4	5mg/m3*	50-70
Fiberglass Mat		14807-96-6	N/A	0-10
Sand Dusting (parting agent)		14808-60-7	10 mg/m3	3-25
Styrene Butadiene Styrene Rubber			N/A	
Gilsonite		1200-43-6	5 mg/m3	
Limestone		1317-65-3	5 mg/m3	20-30
* As Fumes				
Section III - Physical / Chemical Characteristics				
Boiling Point	> 900°F	Specific Gravity (H ₂ O =1)	VAR	
Vapor Pressure (mm Hg.)	< 0.1	Melting Point	>200°F	
Vapor Density (AIR=1)	> 20	Evaporation Rate (Butyl Acetate = 1)	N/A	
Solubility in Water: Nil				
Appearance and Odor: Thin, black, non-woven sheet with asphalt odor.				
Section IV - Fire and explosion Hazard Data				
Flash Point (Method Used) Cleveland Open Cup		Flammable Limits:	LEL: N/A	UEL: N/A
Extinguishing Media: CO ₂ , Foam, Water spray, or dry chemical				
Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Wear self contained breathing apparatus.				
Unusual Fire and Explosion Hazards: CO and other hazardous vapors may be a product of combustion.				
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 Hydrofluoric Acid, concentrated acids, hydrocarbons, oils			
Hazardous Decomposition or Byproducts: Asphalt fumes may occur on overheating. CO1, CO2, fumes, smole.			
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: Provide adequate ventilation and 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.			