

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) DERBIBRITE™		APP Modified Bitumen Roofing Material	
Section I			
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: July 17, 2003		Date Revised: November 18, 2009	
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components Recommended: (Specific Chemical Common Name(s))			
	CAS NO.	ACGIH TLV	% (optional)
Roofing Sheet composed of:			
Petroleum Asphalt	8052-42-4	5mg/m3*	50-70
Polypropylene	9003-07-0	Not established	18-30
Talc Stabilizer	14807-96-6	N/A	0-10
Calcium Carbonate	Specific information supplied upon written request		
Fiberglass Mat	65997-17-3	Not established	2-25
Polyester Laminate	Not Available	Not established	2-25
Sand Dusting	14808-60-7	10 mg/m3	3-25
Acrylic Coating	Not Available	Not established	N/A
* As Fumes			
Section III - Physical / Chemical Characteristics			
Boiling Point	None	Specific Gravity (H ₂ O =1)	0.9 - 1.1
Vapor Pressure (mm Hg.)	< 0.1	Melting Point	N/A
Vapor Density (AIR=1)	> 20	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water: Nil			
Appearance and Odor: White appearance: Characteristic petroleum			
Section IV - Fire and explosion Hazard Data			
Flash Point (Method Used) 300° F - ASTM D92	Flammable Limits >750°F	LEL 1%	UEL 6%
Extinguishing Media: Powder, CO ₂ , or Foam Extinguishers			
Special Fire Fighting Procedures: Do not use water.			
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		
	Stable	X	Conditions to Avoid: N/A under normal warehouse storage.
Incompatibility (Materials to avoid): Avoid contact with concentrated acids, hydrocarbons, and oils.			
Hazardous Decomposition or Byproducts: Asphalt fumes may occur on overheating.			
Hazardous Polymerization	May Occur		
	Will Not Occur	X	Conditions to Avoid: Overheating may cause fire.
Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation?	During ^{heat} application product will generate asphalt fumes. Gases will form at high temperatures, which irritate the respiratory tract.	
	Ingestion?	No known risk.	
	Skin?	Absorption-No known risk. If the melted product splashes on to the skin, immediately plunge the affected area into cold water to cool and solidify the product for at least 15 min. Do not attempt to remove the solidified product. The product can be softened by means of a liquid mix of medical paraffin. After first aid intervention, consult the doctor.	
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, throat, or 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.			
Ultraviolet Surface-Reflected Rays: use ice compress on eyes. If irritation persists, seek ophthalmologist 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 for non-toxic waste. If you are unsure of the regulations, contact your local Public Health Department, or the local <u>E</u> nvironmental <u>P</u> rotection <u>A</u> gency.			
Precautions to Be Taken in Handling and Storing: Leave the rolls in initial packaging for lift or handling. 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 - Clean leather or cotton gloves are recommended.		Eye Protection: 100% UVA & UVB eyeglasses are recommended.	
Other Protective Clothing or Equipment: Long sleeve shirt, trousers, and smooth bottom work shoes.			
Work/Hygienic Practices:			
Shoe covers when on DerbiBrite surface.			
Clean hands/gloves when handling white surface.			
Do not double stack.			