

<p>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.</p>	<p>U.S. Department of Labor          Occupational Safety and Health Administration          (Non-Mandatory Form)          Form Approved OMB No. 1218-0072</p>
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IDENTITY (As Used on Label and List) DERBICANT Strips	APP Modified Bitumen Roofing Material
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**Section I – Product and Company Identification**

Manufacturer's Name DERBIGUM Americas, 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 1, 1995	Date Revised: March 18, 2011

**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
Polypropylene	9003-07-0	Not established	18-30
Talc Stabilizer	14807-96-6	N/A	0-10
Calcium carbonate	1317-65-3	5 mg/m3	5-23
Fiberglass Mat	65997-17-3	Not established	5-25
Polyester Laminate	Not Available	Not established	5-25
Sand Dusting (parting agent)	14808-60-7	10 mg/m3	3-25
Dry Talc Dusting (parting agent)	14807-96-6	N/A	3-15

\* As Fumes

**Section III - Physical / Chemical Characteristics**

Boiling Point	> 900°F	Specific Gravity (H <sub>2</sub> 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: 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: CO<sub>2</sub>, Foam, dry chemical ABC rated

Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas 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
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<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid: N/A under normal warehouse storage
	Stable	X	
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: Overheating may cause fire.
	Will Not Occur	X	
<b>Section VI - Health Hazard Data</b>			
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.			
<b>Section VII - Precautions for Safe Handling and Use</b>			
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			
<b>Section VIII - Control Measures</b>			
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.			