

# PERFLASH®

## Modified Bitumen Flashing Cement

### Product Description

- ▶ PERFLASH is a premium grade modified asphalt flashing cement formulated especially for adhering DERBIGUM polymer modified asphalt flashing membranes to vertical surfaces.

### Uses

- ▶ PERFLASH is used as a mastic for modified bitumen flashing membranes and may also be used for filling pitch pans, setting roof drain leads, metal flashing components, etc. PERFLASH's unique characteristics also provide an additional layer of waterproofing protection.

### Special Characteristics

- ▶ High Solids Content  
Over 85% - provides excellent adhesion and enhanced waterproofing
- ▶ VOC Compliant  
Meets stringent EPA air quality standards - low fume – no kettes or dangerous chemicals

### Application

PERFLASH is applied at the approximate rate of 7 1/2 gallons per 100 square feet of roof membrane at 1/8". (Note: Coverage may vary with absorption). The adhesive can be applied by using a trowel or a gloved hand. For exact application instructions, refer to the DERBIGUM Specifications Manual.

### Packaging

- 30 ounce cartridges (0.88 L)
- 3 gallon pails (11.4 L)
- 5 gallon pails (18.9 L)

### Product Information

Weight:	9.5 lb/gallon (1.14kg/L)
VOC:	165 grams /L
Non-Volatile Contents:	86% (Solids)
Flash Point:	>120°F (TCC)
Solids Volume:	> 50%
Shelf Life:	12 months

\* This document cancels and replaces any other document published previously. All values shown are nominal and subject to normal manufacturing tolerances.



Florida State  
Wide Approval



CERTIFIED  
ISO 9001:2000



WWW.DERBIGUM.COM

**DERBIGUM**  
*Roofing Solutions*

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**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. **IDENTITY (As Used on Label and List)** Perflash®

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

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I - Hazardous Ingredients/Identify Information	
Manufacturer's Name Performance Roof Systems, Inc.	Emergency Telephone Number 800-727-9872
Address (Address, Street, City, State, and ZIP Code) 4821 Chelsea Ave. Kansas City, MO 64130	Telephone Number for Information 800-727-9872
Date Prepared January 1, 1995	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identify Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Cold adhesive composed of:				
Mineral Spirits	500		n/a	
Asphalt	100		n/a	

HMIS Rating: Health: 1 Fire: 2 Reactivity: 0

Section III - Physical / Chemical Characteristics		Unstabilized Asphalt Coating		
Boiling Point	323 °F	Specific Gravity (H <sub>2</sub> O = 1)	1.07	
Vapor Pressure (mm Hg.)	1.7	Melting Point	N/A	
Vapor Density (H <sub>2</sub> O=1)	5.2	Evaporation Rate (Butyl Acetate = 1)	N/A	

Solubility in Water		Insoluble		
Appearance and Odor		Black, mild, non residual		
Section IV - Fire and explosion Hazard Data				
Flash Point (Method Used)	114°F TCC or >105°F	Flammable Limits % by Volume	LEL 1.0%	UEL 5.0%
Extinguishing Media		CO <sub>2</sub> , Foam, dry chemical		
Special Fire Fighting Procedures		Use air supplied breathing equipment for enclosed areas. treat as a fuel oil fire.		
Unusual Fire and Explosion Hazards		Closed containers may explode if exposed to extreme heat. Applying to surfaces requires special precautions.		

(Reproduce locally) OSHA 174, Sept. 1985

**Section V - Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable	Keep away from high heat and open flame.

Incompatibility (Materials to avoid) Isolate from strong oxidizers such as permanganate.

Hazardous Decomposition or Byproducts		Carbon monoxide and carbon dioxide when burned.
Hazardous Polymerization		Conditions to Avoid
May Occur		
Will Not Occur	X	Overheating may cause fire

**Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic) Central nervous systems depressant. Prolonged exposure or contact may cause irritation to respiratory tract, eyes, and skin. Harmful or Fatal if swallowed.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure Dizziness, headache, intoxication with euphoria leading to unconsciousness. Nose & throat irritation. Defatting & dermatitis of skin. Eye contact can cause irritation/blurred vision.

Medical Conditions Generally Aggravated by Exposure Existing eye, skin and respiratory disorders.

Emergency and First Aid Procedures Remove individual to fresh air. If irritation persists, seek medical attention.

Section VII - Precautions for Safe Handling and Use Do not induce vomiting.

Steps to Be Taken in Case Material is Released or Spilled with absorbent material. Isolate from oxidizers, heat, open flame. Clean up

Waste Disposal Method Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing Keep away from sources of ignition. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Wear protective clothing. Keep out of reach of Children.

Other Precautions Avoid prolonged contact. Wash thoroughly after use. For industrial use only.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type) N/A under normal conditions of use.

Ventilation	Local Exhaust outdoors	Normally used	Special	None
	Mechanical (General)	N/A	Other	

Protective Gloves Yes, solvent resistant Eye Protection Use goggles or safety glasses

Other Protective Clothing or Equipment None required.

Work/Hygienic Practices None