

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) Permalume Premium®	<i>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.</i>
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Section 1

Manufacturer's Name DERBIGUM Americas, 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 March 18, 2011
	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Cold adhesive composed of:				
Petroleum Asphalt	None Established	5mg/m ³		
CAS #8052-42-4			8 Hr, TWA (Asphalt fumes)	
Carcinogen: OSHA - No	IARC - Yes	NTP - No		
Aluminum Flake	15 mg/m ³	10 mg/m ³		
CAS #7429-90-5				
SARA Title III	Aluminum (funes & dust) is listed			
Aromatic Naphtha	Cas # 64742-95*6			
Xylene				
CAS # 1330-20-7	Approximately 5 mass %			
	Exposure limit for total product: 50 ppm			
	(245 mg/m ³ per 8 hour day) Recommended By Exxon			

Section III - Physical / Chemical Characteristics Unstablized Asphalt Coating

Boiling Point	300° - 350° F	Specific Gravity (H ₂ O =1)	1.0 +
Vapor Pressure (mm Hg.)	2.7@20° C	Melting Point	N/A
Vapor Density (H ₂ O=1)	<1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	No		
Appearance and Odor	Thin, Silver Liquid, Petroleum Odor		

Section IV - Fire and explosion Hazard Data

Flash Point (Method Used) 100F + TCC	Flammable Limits % by vol.	LEL 0.9%	UEL 6.7%
Extinguishing Media	CO ₂ , sand, dry chemical		
Special Fire Fighting Procedures	Use air supplied breathing equipment for enclosed areas. Do Not Use Water. If possible, dike w/ sand and let fire burn out.		
Unusual Fire and Explosion Hazards	Closed containers may explode if exposed to high heat or open flame.		

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	.

Incompatibility (Materials to avoid) Water, water vapor, open flames, all sources of ignition, acids, caustics.

Hazardous Decomposition or Byproducts Carbon monoxide and carbon dioxide when burned.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic) Prolonged exposure or contact may result in irritation and dermatitis.
Harmful or Fatal if swallowed or aspirated..

Carcinogenicity: YES 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.
Clean affected area with waterless hand cleaner. Do not induce vomiting. Flush eyes with large amounts of water.

Section VII - Precautions for Safe Handling and Use Keep away from source of ignition, open flame. Exterior use only.

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

Waste Disposal Method CERCLA amendment on disposal of containers should be followed. Clean tools and
Equipment w/ kerosene, adhering to manufacturer's precautions. DO NOT use gasoline or Naphtha.

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, use NIOSH approved breathing
apparatus if necessary.

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

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

Other Protective Clothing or Equipment Impervious work clothing is recommended.

Work/Hygienic Practices None