

Safety Data Sheet

PLM-810

Revision date: 02/24/2016

Section 1 - Identification

Product Name as used on Label: PLM-810
Chemical Family: Asphalt Emulsion
Recommended Use: Crack filler for roads, driveways, and sidewalks.
Restrictions on use: Do not freeze

Manufacturer/Supplier: USANNEX
4520 Glenmeade Lane
Auburn Hills, Michigan 48326

Telephone: 844-94-ANNEX (26639)
Emergency Telephone: 800-535-5053

SDS Prepared By: John Telles

Section 2 - Hazard(s) Identification

HMIS: HAZARD STATEMENT
WARNING
Causes skin irritation

HEALTH	1
FIRE	1
REACTIVITY	0



This product is a water based substance but may contain ingredients that are severe irritants to eyes and skin. Avoid direct contact. See Section 6 for more information. Wear safety goggles and gloves when working with material. No other known hazards otherwise classified.

Section 3 - Composition/Information on Ingredients

Substances	CAS Number	Percent
Petroleum Asphalt	8052-42-4	30-50%
Water	7732-18-5	30-50%
Clay	1302-78-9	10-15%
Cellulose Pulp	65996-61-4	1-10 %
Latex	9003-55-8	1-5%
Biocide	55406-53-6	<1%

Section 4 - First-Aid Measures

Inhalation: Not expected to be a route of exposure as provided. If respiratory symptoms develop seek medical attention.

Eyes: Check for and remove any contact lenses. Flush eyes with large amounts of luke warm water for at least 15 minutes. Do not rub or scratch eyes. If symptoms or irritation occur, call a physician.

Ingestion: If swallowed DO NOT induce vomiting and DO NOT give liquids. Rinse mouth with water to remove material from throat. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Immediately call a physician and seek medical attention.

Skin: Wash with soap and large amounts of tepid water (not to exceed 90°F). Remove and isolate contaminated shoes and clothing. Wash clothing and clean shoes thoroughly before reuse. If symptoms of irritation occur, call a physician.

SEEK MEDICAL HELP ON ALL ABOVE PROBLEMS.

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Section 5 - Fire-Fighting Measures

Fire Extinguishing Media:	Class B extinguisher for oil fires, CO ₂ , Dry Powder, Water Fog.
Special Exposure Hazards:	Carbon Monoxide, Carbon Dioxide, sulfur byproducts upon combustion.
Advice for Firefighters:	Firefighting may result in potential exposure to high heat, smoke or toxic byproducts of combustion. A self-contained breathing apparatus (SCBA) with full-face piece and full protective firefighting clothing should be worn.

Section 6 - Accidental Release Measures

Personal Precautionary Measures:	Use personal protective equipment.
Environmental Precautions:	Dike or contain spill with earth, dry sand, etc.
Procedures for Containment/Cleanup:	Pick up large pieces. Avoid contact with skin and eyes. If using dry clean-up procedures (i.e. dry sand), avoid creating dusts during clean up. Wear protective clothing, gloves, safety glasses and a dust respirator. If using liquid cleaners (i.e. mineral spirits or Citrus Cleaner) pump waste liquid into waste containers, soak up remaining material with absorbent material. Clean contaminated area thoroughly after product recovery, wash the spill area and prevent runoff into drains. Waste should be disposed of in accordance with State, Local, and Federal Regulations.

Section 7 - Handling and Storage

Handling Precautions:	Avoid direct contact, avoid breathing vapors or mist and avoid prolonged or repeated contact with skin. Wash with soap and water. Remove contaminated clothing
Storage Information:	Store in a cool place away from excessive heat or strong oxidants. Keep from freezing. Keep away from children. Keep lid on container when not in use.

Section 8 - Exposure Controls/Personal Protection

Exposure Limits/Engineering Controls:	
Ventilation - Local Exhaust:	Not required under normal process conditions.
Personal Protective Equipment:	
Respiratory Protection:	Not required under normal process conditions.
Protective Gloves:	Chemical resistant gloves.
Eye Protection:	Chemical goggles, if spraying or splashing occurs.
Other Protective Clothing:	A protective apron if splashing or repeated contacted is likely to occur.
Hygiene measures:	Wash hands before eating, drinking, or smoking. Promptly remove contaminated clothing and launder before reuse.

Section 9 - Physical and Chemical Properties

Appearance:	Black liquid
Physical State (solid/liquid/gas):	Liquid
Substance Type (pure/mixture):	Mixture
Color:	Black
Molecular Weight:	Not determined
Upper/Lower Flammability:	Water based N/A
Upper/Lower Explosive Limits:	Water based N/A
Vapor Pressure:	Approx. 60mm Hg @ 100° F
Odor:	Light odor
Vapor Density:	No Data Available
Melting Point:	No Data Available
Freezing Point:	32°F
Solubility in Water:	Partly soluble
Initial Boiling Point:	212° F (ASTM D86)
Flash Point:	Water based product
Evaporation Rate:	No Data Available
Specific Gravity (H ₂ O = 1):	1.02

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Section 10 - Stability and Reactivity

Reactivity:
Chemical Stability: Stable
Conditions to Avoid: None Known
Polymerization: Will not occur
Incompatible Materials: None Recognized
Hazardous Decomposition Products: None Known

Section 11 - Toxicological Information

Primary Route of Exposure: Eye or skin contact, ingestion.
Eye Contact: May cause eye irritation.
Skin Contact: May cause mechanical skin irritation.
Ingestion: Not expected to be an exposure route.
Inhalation: Not expected to be an exposure route.
Chronic Effects:
Eye Contact: None established
Ingestion: None established
Inhalation: None established
Signs and Symptoms:

Section 12 - Ecological Information

Toxicity: None Recognized
Eco toxicity Effects: No information is available.

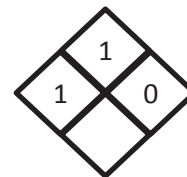
Section 13 - Disposal Considerations

Waste Disposal of Substance: Dispose in accordance to Federal, State, and Local regulations. Solidified product can be landfill disposed without free flowing liquids.
Container Disposal: Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of containers.

Section 14 - Transport Information

This product is not a reportable quantity product regulated by the U.S. Department of Transportation (DOT).

Proper Shipping Name: N/A
UN/Identification Number: N/A
Hazard Class: N/A
Packing Group: N/A
DOT Reportable Quantity (lbs): N/A
NFPA Rating:



Section 15 - Regulatory Information

US Federal Regulatory Information: No regulatory considerations recognized.

Note: User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.

Section 16 - Other Information

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.