



Material Safety Data Sheet - Patch 512, AVM System 512

AVM Industries, Inc.

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Tel: (818) 888-0050 Fax: (818) 888-0030

1. PRODUCT IDENTIFICATION

Trade Name: **Patch 512**
Product Code: **AVM System 512**
Modified Bitumen Emulsion

Issue Date: 06/10/2004

2. COMPOSITION

ACGIH TLV OSHA

CAS No.	Name
8052-42-4	Bitumen
N/A	Clay
N/A	Latex Polymer
7732-18-5	Water

3. HAZARDS IDENTIFICATION

HMIS Hazard Classification:

Health:	1	Slight Hazard/Chronic Effect
Flammability:	0	Minimal Hazard
Reactivity:	0	Minimal Hazard

Emergency Overview:

Acute Exposure:

EYES: May cause mild eye irritation. Symptoms include stinging, tearing and redness.

SKIN: Contact may cause mild skin irritation. Prolonged exposure may dry the skin.

SWALLOWING: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. If unsure, consult a physician immediately.

INHALATION: Inhalation of vapor or aerosol may cause mild irritation to the respiratory tract (nose, throat, and lungs).

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with large quantities of clean water for at least 15 minutes. If symptoms persist, seek medical attention.

Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Swallowing: Seek medical attention. Never give anything by mouth to an unconscious person. Contact physician or poison control center for advice. If possible, do not leave individual unattended.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol foam, Carbon Dioxide, or dry chemical

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide, partially burned Carbon, and acrid fumes.

Recommended Fire Fighting Procedures: Wear impermeable protective clothing and self-contained breathing apparatus as toxic fumes and vapors may be evolved.

Unusual Fire and Explosion: Heat builds up pressure in closed containers. Cool with a water stream.

6. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled:

Barricade the area to restrict access. Remove ignition sources. Use non-sparking tools.

SMALL SPILL: Absorb the liquid with inert material (such as dry sand or earth) and place it in a chemical waste container.

LARGE SPILL: Persons not wearing protective equipment should be evacuated from area of spill until cleanup has been completed. Stop leak at source when it is safe to do so. Dike and pump the liquid into waste containers. Prevent spilled material from 1) contaminating soil, 2) entering sanitary sewers, storm sewers, and drainage systems, and 3) entering bodies of water or ditches that lead to waterways.

Precautions to Be Taken in Handling and Storing:



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Keep away from heat, sparks and open flames. Keep containers closed. Vapors of this material are heavier than air and will collect in low or confined areas.

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C	Thixotropic
Color	Brown
Density mass	1.2 ± 0.05
Solubility in water	None
Solubility in organic solvents	Partially
Flash point °C	Not available
Boiling point	> 212°F

8. STABILITY AND REACTIVITY

Thermal stability	Stable
Hazardous polymerization	Will not occur
Conditions to avoid	Keep away from strong oxidizers

9. TRANSPORTATION

Regulatory agency	USA, DOT
Proper shipping name	N/A
Hazard classification	N/A
Identification number	N/A
Labels required	N/A

10. Ecological information

Do not empty the emulsion into drains. No biodegradation and ecological effects

11. DISPOSAL CONSIDERATIONS

Disposal: Mechanical aspiration when the bitumen is still hot. Do not throw out in drains.

Disclaimer:

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CAUTION

Contains Portland Cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water for at least 15 minutes. If symptoms continue, consult a physician immediately.

WARNING

AVM Industries, LLC., as a blender of processed material in the State of California, we are required by Proposition 65 to warn that on or more of the components contained in this product, could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable State and Federal laws and regulations governing manufacture, distribution, and intended use. Use proper dust control