

Material Safety Data Sheet

Section I - Product Identification

Product Name: FSA Plus

Manufacturer's Name: Maintenance, Inc.

Address: P.O. Box 408, Wooster, Ohio 44691

Emergency Phone Number: 330/264-6262 (Maintenance, Inc.). After 5:00 p.m. and weekends: 216/391-8300 (answering service).

Trade Name: Copolymer additive for coal tar pitch emulsion.

Chemical Family: Synthetic resin emulsion.

Formula: 6/1/93

Effective Date: 4/19/01

Date Superseded: 3/26/96

Originator: RAH

Section II - Hazardous Ingredients

No hazardous ingredients as defined by OSHA.

Section II - Nonhazardous Ingredients

Water

CAS# 7732-18-5

% by wt. >3%

Acrylic Copolymer

CAS# Trade Secret

% by wt. >3%

N/A = Not available or applicable

Ingredients total wt. % are below 100% only if all others unlisted are not considered hazardous by any federal (OSHA, WHMIS, SARA), any state or province, or local Right-To-Know regulations.

Section III - Physical Data

Boiling Point (degrees F/C): >212°F (100°C)

Vapor Pressure (mm Hg.): 25

Vapor Density (Air = 1): 0.6

Solubility in Water: Miscible

Appearance and Odor: Light yellow milky liquid with latex odor.

Physical State: Liquid

Freeze Point (degrees F/C): 32°F (0°C)

Specific Gravity: 1.0 –1.1

% Volatile (by wt.): 81.8

Evaporation Rate (water = 1): 1

Water/Oil Dist. Coeff.: N/A

Threshold Odor, ppm: N/A

pH: 7 - 8

Section IV - Fire & Explosion Hazard Data

Classification: N/A

Flash Point (method used): N/A

Flammable Limits: LEL: N/A UEL: N/A

Combustion Products: Hydrocarbon compounds, CO, CO₂.

Extinguishing Media: Foam, dry chemical, CO₂.

Special Fire Fighting Procedures: Cool exposed containers to prevent steam pressure buildup. Wear self-contained breathing equipment.

Unusual Fire and Explosion Hazards: Containers may rupture due to steam pressure.

UN/NA/PIN#: N/A

NFPA Rating: Health 1; Fire 1; Reactivity 0

Impact Sensitive: No

Static Sensitive: No

Explosion Power: N/A
Burning Rate: N/A

Section V - Health Hazard Data

Threshold Limit Value: See Section II.

Routes of Entry: Eyes, inhalation, skin, ingestion.

Effect of Overexposure:

Eyes: May cause eye irritation.

Inhalation: Excess inhalation of vapors may cause nausea and headache.

Skin: May cause irritation of the skin.

Ingestion: May be harmful if swallowed. May cause nausea, cramps, vomiting, diarrhea or other effects.

Unusual Chronic Toxicity: N/A

Any Suspected Carcinogen >or= 0.1%: No

Emergency and First Aid Procedures:

Eyes: Immediately flush with plenty of water for 15 minutes and call a physician.

Inhalation: If affected, remove to fresh air.

Skin: Wash thoroughly with plenty of water and soap.

Ingestion: Seek a physician immediately, show MSDS or label. INDUCE vomiting. Give 1-2 glasses of water.

Section VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Keep from freezing.

Incompatibility (materials to avoid): None known.

Hazardous Decomposition Products: May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain CO, CO₂, hydrocarbons and other products of combustion.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: N/A

Section VII - Spill or Leak Procedures

SARA Title III:

#302: No #304 CERCLA: No #313: No

Steps to be Taken In Case Material is Released or Spilled: Ventilate the area. Contain the spill. If ventilation is inadequate, wear approved respiratory equipment. Wear suitable protective clothing, gloves, and eye/face protection. Clean up with absorbent material. Put in sealed approved container. Dispose of as a no hazardous waste in accordance with federal, state and local regulations.

Section VIII - Safe Handling & Protection Information

Respiratory Protection: If ventilation is inadequate, wear approved respiratory equipment.

Ventilation:

Local Exhaust: Recommended

Mechanical (general): Recommended

Special: N/A

Other: N/A

Protective Gloves: Wear impervious rubber gloves.

Eyes Protection: Wear safety glasses, goggles or face shield.

Other Protective Equipment: Wear suitable protective clothing.

Estimated LD50, MG/KG: N/A

Estimated: LC50, MG/KG: N/A

Sensitization: No

Irritant: N/A

Section IX - Special Precautions

Keep out of reach of children.

For professional and industrial use only.

Always read label plus precautions and follow directions carefully.

Keep from freezing.

Keep in cool place.

Keep containers airtight for storage.

Use with adequate ventilation.

Avoid breathing vapors and spray mist.

Avoid contact with eyes and skin.

Wash thoroughly after using.

DO NOT TAKE INTERNALLY.

Additional Technical Data Sheets and/or MSDSs are available upon request.

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