Material Safety Data Sheet

Section I - Product Identification

Product Name: FASS-DRI (Ready to Use)
Manufacturer's Name: Maintenance, Inc.
Address: PO Box 408, Wooster, Ohio 44691
Phone Number: 330-264-6262 (Maintenance, Inc.)
Chemical Emergency Phone Number: 1-800-424-9300
Trade Name: Pavement Maintenance Coating
Formula: 11/12/87
Effective Date: 12/5/07
Date Superseded: 1/13/05

Section II - Hazardous Ingredients

Coal Tar Pitch
CAS #65996-93-2
% by wt. 10-15%
Listed in SARA Title III, Section 313: No
OSHA PEL: 0.2 mg/m³ (volatiles)
ACGIH TLV: 0.2 mg/m³ (volatiles)
STEL: N/A
LC50: N/A
LD50: N/A

Silica-Crystalline
CAS #14808-60-7
% by wt. 35-40%
Listed in SARA Title III, Section 313: No
OSHA PEL: 0.1 mg/m³ (dust)
ACGIH TLV: 0.1 mg/m³ (dust)
STEL: N/A
LC50: Human >0.3 ppm
LD50: N/A

Clay
CAS #1332-58-7
% by wt. 5-10%
Listed in SARA Title III, Section 313: No
OSHA PEL: 5 mg/m³ (dust)
ACGIH TLV: 2 mg/m³ (dust)
STEL: N/A
LC50: N/A
LD50: N/A

Section II - Nonhazardous Ingredients

Water
CAS# 7732-18-5
% by wt. >3%

Polyvinyl Resin
CAS# Trade Secret
% by wt. >1%

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): 1
Solubility in Water: Miscible
Appearance and Odor: Black or brownish black liquid with tar odor.
Physical State: Liquid

Freeze Point (degrees F/C): 32°F (0°C)
Specific Gravity: 1.3 - 1.5
% Volatile (by wt.): 35-40%
Evaporation Rate (water = 1): 1
Water/Oil Dist. Coeff.: 1/1
Threshold Odor, ppm: N/A
pH: 6.5 - 8.0

Section IV - Fire & Explosion Hazard Data

Flammability Classification: N/A
Flash Point (method used): N/A
Flammable Limits: LEL: N/A UEL: N/A
Combustion Products: Hydrocarbon compounds, CO, and CO_2.
Extinguishing Media: Dry chemical, CO_2, foam.
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.
NFPA Rating: Health 2; Fire 1; Reactivity 0
Impact Sensitive: No
Static Sensitive: No
Explosion Power: N/A
Burning Rate: N/A

Section V - Health Hazard Data

Routes of Entry: Skin, eyes, inhalation, ingestion.
Effect of Overexposure:

Eyes: May cause eye irritation which in absence of recommended first aid may result in severe burns.
Inhalation: May cause headache and nausea. Prolonged and repeated inhalation may be harmful to respiratory system.
Skin: May cause irritation of skin or more harmful effects. When not washed off or when accentuated by sunlight, skin contact with product or the product volatiles may result in burns which may be severe.
Ingestion: May cause nausea, cramps, vomiting, diarrhea and acute effects. May be fatal in large amounts.

Unusual Chronic Toxicity: May cause cancer of the skin, lungs, kidneys or bladder. Prolonged or repeated contact over many years in the absence of good hygiene and personal protection may lead to changes in skin pigmentation and skin tumors.
Any Suspected Carcinogen >or= 0.1%: Yes, coal tar pitch is listed in NTP, IARC, and ACGIH. Respirable crystalline-silica dust is listed in IARC. However, normal product usage should not result in respirable dust that would be hazardous. WARNING: Using this product will expose you to chemicals known to the state of California to cause cancer.
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 physician immediately, show MSDS or label. DO NOT induce vomiting.

Section VI - Reactivity Data

Stability: Stable
Conditions to Avoid: Keep from freezing.
Incompatibility (materials to avoid): Strong oxidizing agents.
Hazardous Decomposition Products: N/A
Hazardous Polymerization: Will not occur.

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. Wear approved respiratory protection. Wear suitable protective clothing, gloves, and eye/face protection. Contain and pick up waste materials. Put in a sealed approved container. Dispose of in accordance with federal, state and local regulations.

Section VIII - Safe Handling & Protection Information

Respiratory Protection: Use only with adequate ventilation. If ventilation is inadequate, wear approved respiratory equipment.

Ventilation:

Local Exhaust: Required
Mechanical (general): Required
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: Yes

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.
Do not breathe vapor or spray mist.
Use only with adequate ventilation.
Do not take internally.
Avoid contact with eyes and skin.
Wash thoroughly after using.

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

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