



MATERIAL SAFETY DATA SHEET

Name of Material	
FSA-CT	
1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
J	PROTECTIVE EQUIPMENT

Section I - PRODUCT IDENTIFICATION

PRODUCT NAME: FSA-CT
MANUFACTURER NAME: Dalton Enterprises, Inc.
ADDRESS: 131 Willow Street Cheshire, CT 06410
EMERGENCY PHONE NUMBER: (203) 272-3221 (Dalton Enterprises)
AFTER 5 PM AND ON WEEKENDS: (203) 272-3221
TRADE NAME: Copolymer additive for Coal Tar Pitch Emulsions
EFFECTIVE DATE: 5/15/2008
DATE SUPERSEDED: N/A
ORIGINATOR: K.P.

Section II - HAZARDOUS / NON-HAZARDOUS INGREDIENTS

Hexylene Glycol:

CAS #107-41-5
Listed in SARA Title III, Section 313: No
OSHA PEL: N/A
ACGIH TLV: 25 ppm Ceiling,
121 mg/kg Ceiling
STEL: 25 ppm
LC50: N/A
LD50: Skin, Rabbit 8560 mg/kg,
Oral, Rat 3700 mg/kg

Vinyl Acetate:

CAS #108-05-4
Listed in SARA Title III, Section 313: Yes
OSHA PEL: 10 ppm
ACGIH TLV: 10 ppm
STEL: 15 ppm
LC50: Inhalation, Rat 4000 ppm
LD50: Skin, Rabbit 2335 mg/kg
Oral, Rat 2920 mg/kg

Polyvinyl Resin/ Resina Polivinilica:

CAS # Trade Secret

Water/Agua:

CAS #7732-18-5

N/A = Not available or applicable

Ingredients total weight % 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 green milky liquid with latex odor
Physical State: Liquid
Freeze Point (degrees F/C): 32° F/0° C

Specific Gravity: 1.04
Percent Volatile (by weight): 76%
Evaporation Rate (water = 1): 1
Water/Oil Dist. Coefficient: 1
Threshold Odor, ppm: 50 ppm
pH: 4.75-5

Section IV – FIRE AND 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 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 0;** **Reactivity 0**
Impact Sensitive: No
Static Sensitive: No
Explosive Power: N/A
Burning Rate: N/A

Section V – HEALTH HAZARD DATA

Threshold Limit Value: See Section II
Routes of Entry: Skin, eyes, inhalation, ingestion.
Effects of Overexposure: **Acute: Yes** **Chronic: Yes**
Eyes: May cause eye irritation which in the absence of recommended first aid may result in severe burns.
Inhalation: Prolonged and repeated inhalation may be harmful to the respiratory system. Excess inhalation may cause headache, dizziness, giddiness, and nausea.
Skin: May cause irritation of skin or more harmful effects.
Ingestion: May be harmful if swallowed. May cause nausea, cramps, vomiting, diarrhea, or other effects.
Emergency & 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: None.
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 RCRA: 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.

Reportable Quantity (lb.): N/A

TPO (lb.): N/A

Regulations: WHMIS, SARA, state and province.

Hazardous Waste: Non-Hazardous; water based.

Section VIII - SAFE HANDLING AND PROTECTION INFORMATION

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

Ventilation:

- Local Exhaust: Recommended
- Mechanical (general): Recommended
- Special: N/A
- Other: N/A

Protective Gloves: Rubber gloves

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

Other Protective Equipment: Wear suitable protective clothing.

Estimated LD50, MG/KG: Skin Rabbit 8560 mg/kg, Oral Rat 3700 mg/kg

Estimated LC50, MG/KG: N/A

Sensitization: N/A

Section IX - SPECIAL PRECAUTIONS

Keep out of reach of children.

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 MSDS are available upon request.

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