

MATERIAL SAFETY DATA SHEET

Dear Customer:

In compliance with the Superfund Amendments and Reauthorizations Act (SARA Title III, section 313), Federal Hazard Communications Regulations (WHMIS and OSHA CFR 1920:1200), and with interest of informed use of our product, we are providing you with this Material Safety Data Sheet.

In the events that you are not the person who needs this information, please direct this MSDS to the person responsible for safe handling, disposal, and storage of products in your company.

All employees, agents, contractors, customers, or others who may handle this product should be familiar with any warnings of precautionary procedures related to the product and to materials made from it.

This MSDS will be updated regularly to reflect the most recent information in our possession. Please ensure that obsolete MSDS sheets in your file of this product are discarded.

PRODUCT NAME: Binder Tack Emulsion 900-11 Grade: SS-1H

MANUFACTURER NAME: Proprietary

DISTRIBUTOR: Dalton Enterprises, Inc.

ADDRESS: 131 Willow Street Cheshire, CT 06410

EMERGENCY PHONE NUMBER: (203) 272-3221

AFTER 5 PM AND ON WEEKENDS: (203) 272-3221

ORIGINATOR: S.S.

TRADE NAMES & SYNONYMS:

CHEMICAL NAME: Not applicable

EFFECTIVE DATE: 04/03/02

INGREDIENTS

| Chemical Name | CAS | PEL/TLV |
|-------------------------|-----------|-----------------|
| Asphalt | 8052-42-4 | 0.5mg/m3 (fume) |
| Water | 7732-18-5 | NA |
| Non-hazardous Additives | NA | NE |

PHYSICAL/CHEMICAL CHARACTERISTICS

Dark liquid, water dispersion with asphalt odor. Specific gravity 0.9 - 1.01. Shipping temperature: 125-175F

BINDER TACK EMULSION, CONTINUED

FIRE/EXPLOSION HAZARD DATA

Flash point not applicable. Use CO₂, dry chemical, foam and water fog. Fire fighters: Wear positive pressure, self-contained breathing apparatus (SCBA). Normal combustion products: CO₂, water vapor, sulfur compounds.

REACTIVITY DATA

Stable. No hazardous polymerization. Thermal decomposition products: CO, CO₂, SO_x. May react with strong oxidizing agents such as chlorates, nitrates, and peroxides. Keep away from bleach, swimming pool chemicals, fertilizers, and garden supplies.

HEALTH HAZARD DATA

Short term: This material can be irritating to the skin and eyes and could be absorbed through the skin. Long term: Prolonged and repeated contact can dry and crack the skin. This can lead to or aggravate dermatitis and increase the ability of material to enter through the skin.

First Aid: If material contacts skin, wash with mild soap and water; or use vegetable oil or mineral oil, such as baby oil. If material gets in eyes, flush eyes and get medical help. If material is swallowed, do not induce vomiting; get medical help.

Carcinogenicity: NTP, no; IARC, no; OSHA, no.

Chemical extracts of asphalt are carcinogenic on the skin of laboratory mice after repeated and prolonged doses.

PRECAUTIONS FOR SAFE HANDLING AND USE

Spills: Absorb small spills with sand, oil, or absorbents; dam and dike large spills; vacuum. Keep material out of sewers and waterways. Call hazard response agencies if there is danger of material getting into sewers or streams. Waste Disposal: This material is not a RCRA regulated hazardous waste as shipped, but most states have additional waste management rules. Review provisions of waste rules prior to disposal. Sand-absorbed material may be worked off or recycled. Work practices: Avoid skin contact. Wash thoroughly with soap and water after handling, and before eating, smoking, or using toilet facilities. Wear chemical resistant gloves during transfer and work operations.

CONTROL MEASURES FOR ACCIDENTAL RELEASE AND RESPONSE

Respiratory Protection: As needed for comfort; SCBA in fire or confined space. Ventilation: Use adequate or local exhaust ventilation, or work upwind. Protective gloves: Use chemical resistant gloves; avoid direct contact with material. Eye Protection: Splash goggles recommended. Clothing: Full skin protection, or chemical resistant clothing if contact is unavoidable. Follow decontamination procedures. Wash thoroughly with soap and water after handling. Launder soiled clothing before reuse.

BINDER TACK EMULSION, CONTINUED

DOT non-hazardous.

SARA 311/Tier II report: delayed health effect. SARA 313: none

NFPA: Health 0; Flammability 1; Reactivity 0.