

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.

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Filler Coat Binder 900-15

MANUFACTURER NAME: 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: Asphalt Emulsion

CHEMICAL FAMILY: Petroleum/Asphalt Emulsion

EFFECTIVE DATE: 04/03/02

DATE SUPERSEDED: 9/20/91

SECTION II - INGREDIENTS

Asphalt

CAS #8052-42-4

% by weight: < 31 %

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

Clay

CAS #1332-58-7
% by weight: 17-20%
Listed in SARA Title III, Section 313: No
OSHA PEL: 5 mg/m³ (dust)
ACGIH TLV: 2 mg/m³ (dust)
STEL: 5mg/m³ (dust)
LC50: N/A
LD50 N/A

Sand

CAS #14808-60-7
% by weight: 18%
Listed in SARA Title III, Section 313: No
OSHA PEL: 5 mg/m³ (dust)
ACGIH TLV: 2 mg/m³ (dust)
STEL: 5mg/m³ (dust)
LC50: N/A
LD50: N/A

Water

CAS #7732-18-5
% by Weight 45-50%
Listed in SARA Title III, Section 313: No
OSHA PEL: N/A
ACGIH TLV: N/A
STEL: N/A
LC50: N/A
LD50: CTI > 320,000

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

APPEARANCE & ODOR: Black or brownish black liquid

BOILING POINT: 212°F

VAPOR PRESSURE: 25mm Hg

SPECIFIC GRAVITY: 1.0-1.3

SOLUBILITY IN WATER: Soluble when wet

EVAPORATION RATE: 1

WATER/OIL DIST. COEFFICIENT: 1/1

PHYSICAL STATE: Liquid

FREEZING POINT: 32°F

% VOLATILE (by Wt.): 23 - 28%

THRESHOLD ODOR: N/A

VAPOR DENSITY: 1

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (CLOSED CUP): None unless water is removed

EXPLOSIVE LIMITS: N/D

AUTOIGNITION TEMP: N/D

FIRE POINT: N/D

EXTINGUISHING MEDIA: Dry chemical, water fog, foam, CO2

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, aldehydes, and other unidentified compounds may form upon combustion.

SPECIAL FIRE FIGHTING PROCEDURES: If entering a confined area, firefighters should wear a NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

SECTION V - HEALTH HAZARD DATA

EYES: Irritation

SKIN: Mild irritation. Repeated or prolonged contact can cause dermatitis, and may increase the risk of skin cancer.

BREATHING: Respiratory irritation, nausea, dizziness, headache.

SWALLOWING: Stomach irritation, nausea, and vomiting.

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: Flush with large amounts of water while holding eyelids open. Get medical attention if irritation persists.

IF ON SKIN: Wash with soap and water or use waterless hand-cleaner. Do not use solvents or thinners to clean the skin.

IF BREATHED: Remove to fresh air. If breathing is difficult, give oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

IF SWALLOWED: If victim is conscious, give liquids. INDUCE VOMITING. Call a physician.

SECTION VI - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

INCOMPATIBILITY: Avoid contact with strong oxidizers.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Dike or contain spill with earth, floor dry, sand, etc. Pump liquid to containers or storage vessel. Soak up residue with absorbent material. Scoop contaminated absorbent and diking material into containers for disposal.

WASTE DISPOSAL METHOD: Wastes should be disposed of according to federal, state, and local regulations.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: NIOSH approved cartridge respirator with organic vapor cartridges if other controls are not effective.

VENTILATION: Normal ventilation is usually adequate.

PROTECTIVE GLOVES: Impervious gloves such as neoprene or vinyl.

EYE PROTECTION: Wear chemical safety goggles if splashing may occur.

OTHER PROTECTIVE EQUIPMENT: Wear a protective apron if splashing or repeated contact is likely.

SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

STORAGE: Do not allow to freeze. Do not exceed 200 F.

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF BUT IS NOT GUARANTEED TO BE SO.

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N/E means none established. N/A means not applicable.
N/D means no data available.