

Dalton Enterprises, Inc.  
Phone: (203) 272-3221

Product: Binder Tack Emulsion  
SDS Date: 06/04/2015



# SAFETY DATA SHEET

Name of Material Binder Tack Emulsion	
1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
B	PROTECTIVE EQUIPMENT

## Section I – PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Binder Tack Emulsion, Grade SS-1H  
**Manufacturer Name:** Dalton Enterprises, Inc.  
**Item #:** 1220: 5 Gallon Pail  
 1230: 55 Gallon Drum  
**Address:** 131 Willow Street Cheshire, CT 06410  
**Telephone Number:** (203) 272-3221  
**24 Hour Emergency Number:** (203) 272-3221  
**U.S. And Canada:** (203) 272-3221  
**Trade Names and Synonyms:** Blacktop coatings  
**Recommended Use and Restrictions:** Primer for asphalt pavement

## Section II – HAZARDS IDENTIFICATION

### Classification

Carcinogenicity	1A
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### Label Elements

**Signal Word:** Warning

**Hazard Statements:**

Harmful if swallowed  
 May cause cancer



**GHS Pictogram:**

**Precautionary Statements – Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area

**Eyes:** Contact may cause irritation.

**Skin:** Prolonged or repeated contact may cause irritation.

**Ingestion:** May cause nausea, vomiting and diarrhea.

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**Inhalation:** May cause irritation

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

**Section III - COMPOSITION**

<u>CAS#</u>	<u>Component</u>	<u>% Composition</u>
8052-42-4	Petroleum Asphalt	50 - 75
7732-18-5	Water	40 - 60

**Section IV - FIRST-AID MEASURES**

**Emergency and First Aid Procedures**

**General Advice:** Present this safety data sheet to the physician in attendance.

**Eye Contact:** Flush thoroughly with water. If irritation persists, see a physician.

**Skin Contact:** Clean exposed area thoroughly with soap and water. If irritation persists see a physician.

**Ingestion:** If swallowed do NOT induce vomiting. Seek medical attention if symptoms develop.

**Inhalation:** Move to fresh air if symptoms develop. If irritation persists see a physician.

**Most Important Symptoms:** Possibility of minor eye and skin irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed:** Treat Symptomatically

**Section V - FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** CO<sub>2</sub>, dry chemical, foam, sand.

**Unsuitable Extinguishing Media:** N/A

**Specific Hazards arising From the Chemical:** Combustion may yield fumes, smoke, carbon monoxide and carbon dioxide.

**Special Protective Equipment and Precautions for Firefighters:** Wear full protective clothing, including self-contained breathing apparatus (Positive Pressure/Pressure Demand), helmet, and face mask.

**Section VI – ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid skin and eye contact, use proper protective equipment recommended in section 8.

**Methods and Materials for Containment and Cleanup:** Contain spill and dike with inert material (sand, sawdust, dirt, etc.). Place in closed container for proper disposal. Avoid runoff to waterways and sewers. Dispose of in accordance with local regulations.

**Section VII – HANDLING AND STORAGE**

**Precautions for Safe Handling:** Store in a dry area, avoid eye contact and wash thoroughly after handling

**Conditions for Safe Storage, Including Incompatibilities:** Keep container closed and upright to prevent leakage. Store in a cool, dry, ventilated area. Avoid freezing. Keep container upright to prevent leakage.

**Section VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Component	ACGIH TWA (mg/m <sup>3</sup> )	OSHA PEL (TWA) (mg/m <sup>3</sup> )
Petroleum Asphalt	0.5 mg/m <sup>3</sup>	-

**Engineering Controls:** Ensure adequate ventilation

**Individual Protection Measures**

**Eyes/Face:** Safety goggles

**Skin:** Gloves

**Respiratory:** None required if good ventilation is maintained. This product is an emulsified, encapsulated mixture which greatly reduces the likelihood of exposure to hazardous particles.

**Hygienic controls:** Wash thoroughly with soap and water before eating or drinking. Wash contaminated clothing.

**Section IX – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Dark brown to black liquid

**Physical State:** liquid

**Odor:** Asphaltic odor

**Odor Threshold:** N/A

**pH:** 10.50 – 11.50

**Melting Point:** N/A

**Boiling Point:** >100°C / 212°F

**Flash Point:** N/A

**Evaporation Rate:** N/A

**Flammability:** N/A

**Upper Explosive Limit:** N/A

**Lower Explosive Limit:** N/A

**Vapor Pressure:** Nearly equal to water

**Vapor Density:** Heavier than air

**Specific Gravity:** 0.9 – 1.01

**Solubility In Water:** Completely dispersible

**Partition Coefficient (n-octanol/water):** N/A

**Auto Ignition Temperature:** N/A

**Decomposition Temperature:** N/A

**Section X – STABILITY AND REACTIVITY**

**Reactivity:** None known under normal conditions

**Stability:** Stable

**Hazardous Reactions:** None known under normal conditions

**Conditions to avoid:** Keep from freezing and extreme heat

**Incompatibility:** Strong oxidizers

**Hazardous Decomposition Products:** Combustion may yield fumes, smoke, carbon monoxide and carbon dioxide.

**Section XI – TOXICOLOGICAL INFORMATION**

**Health Effects**

**Eye Contact:** Minor irritation may result

**Skin Contact:** Minor irritation may result

**Ingestion:** Minor irritation may result

**Inhalation:** Minor irritation may result

**Toxicological Effects**

<u>Component</u>	<u>CAS #</u>	<u>Acute oral toxicity LD50</u>	<u>Acute dermal toxicity LD50</u>
Petroleum Asphalt	8052-42-4	5,001 mg/kg (rat)	2,001 mg/kg (rat)

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** Product not known to cause sensitization

**Mutagenic Effects:** None known

**Carcinogenicity:** May cause cancer

<u>Component</u>	<u>CAS #</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Petroleum Asphalt	8052-42-4	2B	Suspected	

IARC has determined that there is inadequate evidence of carcinogenic effects of petroleum asphalt in humans, and limited evidence of carcinogenic effects to experimental animals.

**Reproductive Toxicity:** No toxicity known

**STOT – Single Exposure:** None Known

**STOT – Repeated Exposure:** None Known

**Chronic Toxicity:** No Known Effect

**Target Organ Effects:** Eyes, Skin.

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

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### Numerical Measures of Toxicity

No data available

## Section XII - ECOLOGICAL INFORMATION

**Ecological Fate:** No data available  
**Persistence/Degradability:** No data available  
**Bioaccumulation Potential:** No data available  
**Mobility in Soil:** No data available  
**Other Adverse Effects:** No data available

Analysis for ecological effects has not been conducted.

## Section XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with Local, State, and Federal regulations.

## Section XIV - TRANSPORT INFORMATION

### DOT

**Proper Shipping Name:** Not regulated  
**UN Number:** N/A  
**Hazard Class:** N/A

## Section XV - REGULATORY INFORMATION

### International Inventories

**TSCA:** Complies

### US Federal Regulations

**SARA 313:** This product contains no chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372)

**SARA Hazard Category (311/312):** Non Hazardous

**CWA (Clean Water Act):** This product contains no chemicals regulated by the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA:** This product contains no substances regulated by the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

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**US State Regulations**

Component Name	CAS	State Right to Know		
		MA	NJ	PA
Petroleum Asphalt	8052-42-4	yes	yes	yes
Water	7732-18-5	no	no	no

**California Prop 65:**

WARNING! This product contains a chemical known to the State of California to cause cancer: Asphalt (CAS-No: 8052-42-4)

**International Regulations**

WHMIS: Non Hazardous

**Section XVI - OTHER INFORMATION**

**Other Precautions:**

- Do not take internally.
- Keep away from children.
- For external use only.
- Store in a cool, dry place.
- Keep away from sources of ignition.
- Do not apply during or before rain to avoid runoff.
- Do not apply if pavement is below 55 degrees F.

**NFPA Rating:** Health 1; Fire 1; Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Revision Date:** 06/04/2015

**Supersedes:** 10/07/2014

**Prepared By:** RL

**Disclaimer/Statement of Liability:**

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