



SAFETY DATA SHEET

Name of Material	
1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
X	PROTECTIVE EQUIPMENT

Section I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: XL-1000® Refined Tar Pavement Sealer

ITEM #: XL-1000® CT Sand Mix: #1100 (5 Gallon Pail)
#1110 (55 Gallon Drum)
#1120 (Bulk)

XL-1000® CT (Straight): #1080 (55 Gallon Drum)
#1090 (Bulk)

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: RL

TRADE NAMES & SYNONYMS: Refined Tar Emulsion

CHEMICAL FAMILY: Blacktop coatings / sealant

EFFECTIVE DATE: 11/17/2014

DATE SUPERSEDED: 02/25/2008

Product Description: Proper application of ready-to-use emulsified product as applied presents no degree of hazard to the user. Outdoor use only.

Section II - HAZARDS IDENTIFICATION

Emergency Overview: Signal Word: Warning



HCS Pictogram:

Routes of Entry: Skin, Eyes, Ingestion, Inhalation

Health Hazard (Acute): Effects of Overexposure/Acute Overexposure:

Eyes: May cause eye irritation which in the 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 accentuated by sunlight, skin contact with the product or product volatiles may result in burns which may be severe.

Ingestion: May cause nausea, cramps, vomiting, diarrhea or acute effects. May be fatal in large amounts.

Unusual Chronic Toxicity:

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 and cancer of the skin, lungs, kidney, or bladder.

Carcinogenic:

Yes, listed in IARC, ACGIH, and NTP. **WARNING:** Using this product will expose you to a chemical known to the state of California to cause cancer.

Medical conditions generally aggravated by exposure: Asthma, Chronic lung disease, Skin rashes

Reproductive effects: May present reproductive hazard

Teratogenic: NO

Mutagenic: NO.

Section III - COMPOSITION

<u>Ingredient</u>	<u>CAS#</u>	<u>% Composition</u>
Refined Tar	65996-93-2	30 - 33%
Clay	1332-58-7	17 - 20%
Crystalline Silica	14808-60-7	18%
Water	25586-20-3	45 - 50%

Section IV - FIRST-AID MEASURES

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 V – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammability Classification: N/A **LEL:** N/A
UEL: N/A

Extinguishing Media: CO2, dry chemical, foam, sand.

Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing equipment apparatus to be worn. Water cool sealed containers in area of fire to prevent rupture due to steam generation.

Unusual Fire and Explosion Hazards: Containers may rupture due to steam pressure.

NFPA Rating: Health 1; Fire 0; Reactivity 0

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

Impact Sensitive: No

Static Sensitive: No

Explosive Power: N/A

Burning Rate: N/A

Section VI – ACCIDENTAL RELEASE MEASURES

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 VII – HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after using/handling. Wash hands before eating. Avoid eye contact.

Storage Precautions: 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



Personal protective equipment pictograms:

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

Protective Gloves: Yes

Eye Protection: Yes (goggles)

Work/Hygienic Practices: Keep container closed. Wash hands after use.

Section IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black or Brownish Liquid
Color:	Black/Brown
State:	Liquid
Odor:	Tar odor
Boiling Point:	100° C (212° F)
Freezing Point:	0° C (32° F)
Molecular Weight:	Mixture
Specific Gravity (Water=1):	1.0 - 1.3
Vapor Density (Air=1):	<Water
Evaporation Rate (water = 1):	1
Water/Oil Dist. Coefficient:	1/1
Solubility in Water:	Miscible
Percent Volatility:	50 - 53%
MAX VOC:	Less than 50 g/L
pH:	6.5 – 8.0

Section X – STABILITY AND REACTIVITY

Chemical Stability: Stable at ambient temperatures.

Incompatibility: (Conditions/Materials to avoid) Strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon.

Section XI – TOXICOLOGICAL INFORMATION

<u>Component Name</u>	<u>Concentration</u>	<u>CAS</u>	<u>Data</u>
Refined Tar	30-33%	65996-93-2	Acute oral toxicity: LD50 rat Dose: 1,800 mg/kg Acute dermal toxicity: LD50 rat Dose: no data available
Crystalline Silica	18%	14808-60-7	Acute oral toxicity: LD50 rat Dose: 1,300 mg/kg Acute dermal toxicity: LD50 rat Dose: no data available

Component: Coal Tar Pitch (CAS-No.: 65996-93-2):

- NTP:** This component, Refined Tar (CAS-No.: 65996-93-2) is a chemical known to cause cancer.
- IARC:** Refined Tar (CAS-No.: 65996-93-2) Group 2B possibly carcinogenic to humans.
- OSHA:** This component, Coal Tar Pitch (CAS-No.: 65996-93-2) is a chemical known to cause cancer.
- CA Prop 65:** CHEMICAL WARNING (California Health and Safety Code #25249.5 ET SEQ): This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm:
Refined Tar (CAS-No.: 65996-93-2)

Component: Crystalline Silica: (CAS-No.:14808-60-7)

- NTP:** In its Ninth Annual Report on Carcinogens respirable crystalline silica was classified as a known human carcinogen.
- IARC:** According to Volume 68 of the IARC Monographs on the Evaluation of Risks to humans, concluded that there was "sufficient evidence in humans for the carcinogenicity of crystalline silica in the forms of quartz or cristobalite from occupational sources". IARC's evaluation was that "crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group1) but was noted that carcinogenicity was not detected in all industrial studies.
- OSHA:** Crystalline silica is not regulated as a carcinogen.

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

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

PROPER SHIPPING NAME: Elevated temperature liquid, n.o.s.

HAZARD CLASS: 9

SUBSIDIARY HAZARD CLASS: NONE

DOT IDENTIFICATION NUMBER: NONE

DOT SHIPPING LABEL: NONE

Section XV - REGULATORY INFORMATION

Component Name	CAS	State Right to Know		
		MA	NJ	PA
Refined Tar	65996-93-2	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: Refined Tar (CAS-No: 65996-93-2) and Crystalline Silica (CAS-No: 14808-60-7).

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

Components of this product are on the California Proposition 65 lists.

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.

Effective Date: 11/17/2014

Date Superseded: 02/25/2008

Prepared By: RL

Disclaimer/Statement of Liability:

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