

SAFETY DATA SHEET

Product: XL-1000® Asphalt Pavement Sealer

SDS Date: 01/05/26



Section I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: XL-1000® Asphalt Pavement Sealer

Manufacturer Name: Dalton Enterprises, Inc.

Package Size	Item #	UPC #
5 Gallon w/ Sand	1010	0 90932 01010 9
55 Gallon Drum w/ Sand	1020	0 90932 01020 8
5 Gallon w/o Sand	1022	0 90932 01022 2
55 Gallon w/o Sand	1023	0 90932 01023 9
Bulk w/o Sand	1025	0 90932 01025 3
Bulk Polymer w/o Sand	1026	0 90932 01026 0
Bulk Material w/ Sand	1030	0 90932 01030 7
55 Gallon w/o Sand	1050	0 90932 01050 5
Bulk w/o Sand	1060	0 90932 01060 5

Address: 131 Willow Street Cheshire, CT 06410

Telephone Number: (203) 272-3221

24 Hour Emergency Number: (203) 272-3221

Trade Names and Synonyms: Blacktop coatings / low VOC driveway sealant

Recommended Use and Restrictions: Filler/sealer for asphalt pavement

Section II – HAZARDS IDENTIFICATION

Classification

Skin Irritation	Category 2
Eye Irritation	Category 2B

Label Elements

GHS Pictogram:



Signal Word: Warning

Hazard Statements

Causes skin irritation
Causes eye irritation

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

Response

If exposed or concerned: Get medical attention
If in eyes: Rinse cautiously with water for several minutes.
If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.
If inhaled: Remove person to fresh air and keep comfortable

Storage

Store locked up

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

Section III – COMPOSITION

Component Name	CAS-No.	Wt. %
Asphalt*	8052-42-4	20 – 35
Quartz*	14808-60-7	10 – 20

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section IV – FIRST-AID MEASURES

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: Dry Chemical, carbon dioxide, water spray (fog), foam, sand

Unsuitable Extinguishing Media: N/A

Specific Hazards in Case of Fire: Combustion may yield fumes, smoke, carbon monoxide and carbon dioxide.

Special Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus (SCBA) equipped with a full-face piece and operated in a pressure demand mode. Wear approved protective clothing. Personnel without suitable respiratory protection must leave the area to avoid significant exposure to hazardous gases from combustion, burning or decomposition.

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. If spilled in an enclosed area. Ventilate. Cool material to solidify. Wear proper personal protective clothing and equipment. Do not flush liquid in public sewer, water systems or surface waters. Recover as much as possible and absorb remainder with an inert material. Place into labeled closed containers and store in safe locations for proper disposal. Wash spilled areas with soap and water.

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

(T= Total Respirable, R=Respirable fraction, I=Inhalable/aerosol)

Component Name	ACGIH TLV-TWA (mg/m ³)	ACGIH TLV-STEL (mg/m ³)	OSHA PEL-TWA (mg/ m ³)	NIOSH REL (mg/m ³)
Asphalt	0.5 (I)	-	-	5 (fumes)
Quartz	0.025 (R)	-	10 / (%SiO ₂ + 2) (R), 30 / (%SiO ₂ + 2) (T)	0.05 TWA (R)

Engineering Controls: Ensure adequate ventilation

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

Physical State: Thick consistency liquid

Odor: Asphaltic odor

Odor Threshold: N/A

pH: 6.5 – 8.0

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: 1.3 – 1.5

Solubility in Water: Easily dispersible

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

Auto Ignition Temperature: N/A

Decomposition Temperature: N/A

Max VOC: <25 g/L

Section X – STABILITY AND REACTIVITY

Reactivity: None known under normal conditions

Stability: Stable under normal conditions and usage

Hazardous Reactions: None known under normal conditions

Conditions to Avoid: Strong Oxidizing Agents, Excessive Heat

Incompatible Materials: 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

Numerical Measures of Toxicity

Component Name	CAS-No.	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt	8052-42-4	>5000 mg/kg (rat)	>2000 mg/kg (rat)	-
Quartz	14808-60-7	>22500 mg/kg (rat)	no data available	-

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: None known

Component Name	CAS-No.	IARC	NTP	OSHA
Quartz	14808-60-7	Group 1	-	-

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.

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

Section XIII – DISPOSAL CONSIDERATIONS

Instructions: Dispose of waste & contaminated packaging in accordance with federal, state, and local regulations.

Section XIV – TRANSPORT INFORMATION

	DOT (Domestic)	IATA (Air)	IMDG (International)	TDG (Canada)
UN Number	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	-	-	-	-
Transport Hazard Class(es)	-	-	-	-
Packing Group Number	-	-	-	-
Environmental Hazards	No	No	No	No

Section XV – REGULATORY INFORMATION

US Federal Regulations

TSCA: Complies

SARA Hazard Category (311/312): Non Hazardous

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

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)

US State Regulations

Component Name	CAS-No.	State Right to Know		
		MA	NJ	PA
Asphalt	8052-42-4	yes	yes	yes
Quartz	14808-60-7	yes	yes	yes

California Proposition 65*

WARNING: This product can expose you to chemicals including Crystalline Silica, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

*This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is bound within the product and will not present an exposure risk.

International Regulations

DSL/NDSL: Complies

Section XVI – OTHER INFORMATION

Other precautions:

Keep out of reach of children.

Always read label plus precautions and follow directions carefully.

Use only with adequate ventilation.

Do not take internally.

Avoid contact with eyes and skin.

Wash thoroughly after using.

NFPA Rating: Health 1; Fire 0; Instability 0

HMIS Rating: Health 1; Fire 0; Reactivity 0; Personal Protection B

Revision Date: 05/20/2021

Disclaimer/Statement of Liability:

THE INFORMATION AND RECOMMENDATIONS PROVIDED HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF. HOWEVER, SUCH INFORMATION AND RECOMMENDATIONS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND AND THIS CORPORATION DISCLAIMS ANY AND ALL LIABILITY OR LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON SAME.