



MATERIAL SAFETY DATA SHEET

Prepared by Duro Dyne August 10, 2011

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: DURO DYNE DUCT LOCK SEALANT
Product Identifier: DLS-5
Item #: 5067
Supplier Details: DURO DYNE CORPORATION
81 Spence Street
Bay Shore, NY 11706

Information

Phone No: 800-899-3876
Emergency Phone No: 800-424-9300 (CHEMTREC)

2. HAZARDS INGREDIENTS

HAZARDOUS COMPONENTS	CAS#	OSHA PEL	ACGIH TLV	%
Light Aliphatic Naptha	64742-89-8	300 PPM	400 PPM	6 to 10
Quartz Silica	14808-60-7	1 mg/m	1 mg/m	<1%

3. PHYSICAL DATA

Physical State: Very Heavy Liquid
Odor & Appearance: Soft tacky liquid with some Petroleum Naptha odor
Vapor Pressure: n/a
Vapor Density: n/a
pH: n/a
Evaporation Rate: (EE=1) 7 times slower
Specific Gravity: 1.48 8/cc
Coeff. Water/Oil Dist.: n/a
VOC (Grams/Liter): >.72
Boiling Point (C): 240-300°F
Solubility in Water: Insoluble
Odor Threshold (ppm): n/a
Freezing Point (C): n/a
Volatiles by Wt. (%): 6 to 10

4. FIRE & EXPLOSION HAZARD DATA

Flammability:	Flammable	
Flammable Limits:	<u>LEL</u> : Not Established	<u>UEL</u> : Not Established
	<u>LFL</u> : 1	<u>UFL</u> : 6
Flash Pointing:	100 to 120°F	
Auto Ignition:	n/a	
Lower/Upper Flammable Limit:	LIL 1.0 UEL 7	
Hazardous Combustion Products:	Incomplete combustion can yield CO and Hydrocarbons	
Explosion Data:	n/a	
Sensitivity to Impact:	n/a	
Sensitivity to Static Discharge:	Container should be grounded at all times.	
Extinguishing Media:	Foam, CO, or Dry Chemical	
Special Fighting Procedures:	Firefighters should wear a self-contained breathing apparatus with a full face-piece operated in pressure demand.	
Unusual Fire & Explosion Hazards:	Can form flammable mixtures with air and flash at R.T. Explosion hazard in fire situation. Vapor heavier than air and may travel to source of ignition and flashback.	

5. REACTIVITY DATA

Chemical Stability:	Unstable ()	Stable (x)
Hazardous Polymerization:	May Occur ()	Will not Occur (x)
Conditions to Avoid:	Excessive heat	
Incompatibility (Materials to Avoid):	Do not store with strong oxidizers. Store as OSHA Class Flammable 1B liquid.	
Hazardous Decomposition Products:	Toxic gases or vapors, such as Carbon Monoxide and Carbon Dioxide and Nitrogen Oxides.	

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	Skin Contact (x)	Skin Absorption ()
	Eye Contact (x)	Inhalation (x)
	Ingestion (x)	
Effects of Acute Exposure to Product:	Irritation	
Effects of Chronic Exposure to Product:	Dermatitis	
Exposure Limits:	PEL 300 PPM TLV 400 PPM	
Irritability of Product:	Vapor may irritate nose, throat, and respiratory tract	
Sensitization to Product:	Headache, nausea, drowsiness of nervous system	
Carcinogenicity:	<u>NTP?</u> No	<u>IARC Monographs?</u> No
	<u>OSHA Regulated?</u> No	
Teratogenicity:	None known	
Reduce Toxicity:	None known	

Mutagenicity: None known
Synergistic Products: None known

7. PREVENTIVE MEASURES

Personal Protective Equipment:

Gloves (specify): Use plastic gloves
Respirator (specify): Use OSHA approved vapor respirator
Eye (specify): Safety glasses, chemical goggles or face shield
Footwear (specify): Industrial shoes to protect skin from product contact
Clothing (specify): Solvent resistant clothing to protect skin
Other (specify): None known
Engineering Controls (specify)
(EG, Ventilation Enclosed Process): Maintain local or dilution ventilation to keep air concentration below 300 PPM

8. SPILL MEASURES

Leak or Spill Procedure: Eliminate potential sources of ignition, wear appropriate safety gear, shut off source, dike and contain, soak up.

9. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of accordance with all local, state, and federal regulations.

10. HANDLING & STORAGE

Handling Procedures & Equipment: Remove clothing. Wash hands with soap and water.
Storage Requirements: Store in a cool, dry place. Keep away from oxidizers.

11. TRANSPORTATION INFORMATION

Special Shipping Information: U.S. DOT Hazard Class. Non-regulated

12. ECOLOGICAL INFORMATION

N / A

13. FIRST AID MEASURES

Specific Measures:

Eye Contact: Immediately flush eyes with water for 15 minutes. Get medical help promptly.
Skin Contact: Wash skin with soap and water. If clothing is soaked, launder before wearing.

Inhalation: Move exposed person to fresh air. Get medical help immediately.
Ingestion: Call Physician immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

14. SARA SECTION 131 SUPPLIER NOTIFICATION

CAS Number: 14808-60-7
Chemical Name: Crystalline Silica Quartz
Percent by Weight: <1%

15. REAGULATORY INFORMATION

N/A

16. OTHER INFORMATION

Date MSDS Prepared: 1/1/2008

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