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## MATERIAL SAFETY DATA SHEET

Prepared by Duro Dyne October 12, 2011

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade name:** DUCT LOCK SEALANT  
**Product Identifier:** DLSN-5  
**Item #:** 5065  
**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

<b>Flammability:</b>	Flammable	
<b>Flammable Limits:</b>	<u>LEL</u> : Not Established	<u>UEL</u> : Not Established
	<u>LFL</u> : 1	<u>UFL</u> : 6
<b>Flash Pointing:</b>	100 to 120°F	
<b>Auto Ignition:</b>	n/a	
<b>Lower/Upper Flammable Limit:</b>	LIL 1.0	
	UEL 7	
<b>Hazardous Combustion Products:</b>	Incomplete combustion can yield CO and Hydrocarbons	
<b>Explosion Data:</b>	n/a	
<b>Sensitivity to Impact:</b>	n/a	
<b>Sensitivity to Static Discharge:</b>	Container should be grounded at all times.	
<b>Extinguishing Media:</b>	Foam, CO, or Dry Chemical	
<b>Special Fighting Procedures:</b>	Firefighters should wear a self-contained breathing apparatus with a full face-piece operated in pressure demand.	
<b>Unusual Fire &amp; Explosion Hazards:</b>	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

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

#### 6. TOXICOLOGICAL PROPERTIES

<b>Route of Entry:</b>	Skin Contact (x)	Skin Absorption ( )
	Eye Contact (x)	Inhalation (x)
	Ingestion (x)	
<b>Effects of Acute Exposure to Product:</b>	Irritation	
<b>Effects of Chronic Exposure to Product:</b>	Dermatitis	
<b>Exposure Limits:</b>	PEL 300 PPM TLV 400 PPM	
<b>Irritability of Product:</b>	Vapor may irritate nose, throat, and respiratory tract	
<b>Sensitization to Product:</b>	Headache, nausea, drowsiness of nervous system	
<b>Carcinogenicity:</b>	<u>NTP?</u>	<u>IARC Monographs?</u>
	No	No
	<u>OSHA Regulated?</u>	
	No	

**Teratogenicity:** None known  
**Reproductive 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:** 1/1/2010

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