



**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Hydraulic/Pneumatic Thread Sealant  
**RED LION PART NUMBER:** 74524  
**PRODUCT TYPE:** Anaerobic  
**CHEMICAL FAMILY:** N/A

**DATE PREPARED:** 11/9/99

**CHROMATE INDUSTRIAL CORPORATION**  
 100 DaVinci Drive, Bohemia, NY 11716 • (888) 567-2206

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	OTHER	STEL	CAS #
Polyglycol Dioctanoate	40-45	N/D	N/D	N/D	N/D	18268-70-7
Polyglycol Dimethacrylate	20-25	N/D	N/D	N/D	N/D	25852-47-5
Hydroxyalkyl Methacrylate	20-25	N/D	N/D	3ppm ceiling	N/D	868-77-9
Cumene Hydroperoxide*	3-5	N/D	N/D	N/D	N/D	80-15-9
N,N-Dialkyltoluidines	1-3	N/D	N/D	N/D	N/D	613-48-9
1-Acetyl-2-Phenylhydrazine	0.1-1	N/D	N/D	N/D	N/D	114-83-0
Maleic Acid	0.1-1	N/D	N/D	N/D	N/D	110-16-7
Saccharin	0.1-1	N/D	N/D	N/D	N/D	81-07-2
Silica, Amorphous, Fumed, Crystalline-Free	0.1-1	6mg/m <sup>3</sup> TWA	10mg/m <sup>3</sup> TWA	3mg/m <sup>3</sup> TWA resp. dust	N/D	112945-52-5

\*This component is listed as a SARA Section 313 Toxic Chemical.

\* An asterisk (\*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

**3. HAZARDS IDENTIFICATION**

**PRIMARY ROUTES OF ENTRY:** Ingestion, Skin, Eyes

**EFFECTS OF OVEREXPOSURE:**

**INHALATION:** None

**INGESTION:** Repeated or prolonged exposure may cause delayed effects involving the blood, gastrointestinal, nervous and reproductive systems.

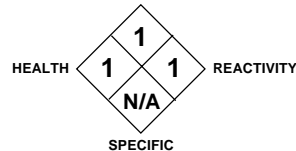
**SKIN CONTACT:** Irritant. May cause dermatitis on prolonged contact in sensitive individuals.

**EYE CONTACT:** Irritant

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**HAZARD RATINGS**

**NFR:** FLAMMABILITY



**HMIS:**

1	HEALTH
1	FLAMMABILITY
1	REACTIVITY
B	PROTECTION

**INGREDIENTS**

Polyglycol Dioctanoate  
 Polyglycol Dimethacrylate  
 Hydroxyalkyl Methacrylate  
 Cumene Hydroperoxide\*  
 N,N-Dialkyltoluidines  
 1-Acetyl-2-Phenylhydrazine  
 Maleic Acid  
 Saccharin  
 Silica, Amorphous, Fumed,  
 Crystalline-Free

**LITERATURE REFERENCED**

**TARGET ORGAN AND OTHER HEALTH EFFECTS**

NTO  
 ALG IRR  
 ALG IRR  
 ALG CNS COR IRR MUT  
 NTO  
 ALG BLO KID MUT SOM  
 IRR KID  
 NTO  
 NUI

**CARCINOGEN**

NTP	IARC
NO	NO
NO	NO
NO	NO
NO	NO
NO	NO
NO	NO
NO	NO
YES	2B
NO	N/A

**OSHA**

NO  
 NO  
 NO  
 NO  
 NO  
 NO  
 NO  
 NO  
 NO

**Abbreviations**

N/A Not Applicable	IRR Irritant	2B Possibly carcinogenic to humans	KID Kidney
ALG Allergen	MUT Mutagen	BLO Blood	NTO No Target Organs
CNN Central Nervous System	NUI Nuisance Dust	COR Corrosive	SOM Evidence of some carcinogenicity

**4. FIRST AID MEASURES**

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** N/A

**INGESTION:** Do not induce vomiting. Keep individual calm. Obtain medical attention.

**SKIN CONTACT:** Flush with water.

**EYE CONTACT:** Flush with water.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT (METHOD USE):** More than 200°F (TCC)    **FLAMMABLE LIMITS: LEL** N/A    **UEL** N/A  
**EXTINGUISHING MEDIA:** Carbon dioxide, foam, dry chemical  
**FIRE FIGHTING PROCEDURES:** N/D  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating organic vapor.

**6. ACCIDENTIAL RELEASE MEASURES**

**SPILLS OR LEAKS:** Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.

**7. HANDLING AND STORAGE**

**SPECIAL PRECAUTIONS:** Store below 100°F. Avoid prolonged skin contact.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**RESPIRATORY:** None  
**SKIN PROTECTION:** Rubber or plastic gloves recommended.  
**EYE PROTECTION:** Safety glasses or goggles recommended.  
**OTHER EQUIPMENT:** None  
**EXPOSURE GUIDELINES:** Sufficient to maintain vapor concentration below TLV.  
**ENGINEERING CONTROLS:** No data available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT:</b> More than 300°F	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> Approx. 1.02 at 80°F
<b>VAPOR PRESSURE PSIG at 80°F:</b> Less than 5mm	<b>MELTING POINT:</b> N/D
<b>VAPOR DENSITY (AIR = 1):</b> N/D	<b>pH:</b> N/A
<b>SOLUBILITY IN WATER:</b> Slight	<b>EVAPORATION RATE (ETHER = 1):</b> N/D
<b>PERCENT VOLATILE BY VOL.:</b> 31.5%; 321 grams per liter	<b>FORM:</b> Liquid <b>VOLATILE COMPONENTS:</b> N/D
<b>APPEARANCE:</b> Purple Liquid	<b>ODOR:</b> Mild

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** None  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None

**11. TOXICOLOGICAL INFORMATION**

**SEE SECTION 3.**

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data available.  
**CHEMICAL FATE INFORMATION:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS:** Not a RCRA Hazardous Waste Material  
**WASTE DISPOSAL METHOD:** Incinerate following EPA and local regulations.

**14. TRANSPORT INFORMATION**

**TRANSPORTATION REQUIREMENTS (49CFR172-101)**  
**D.O.T. CLASSIFICATION:** Unrestricted    **D.O.T. SHIPPING NAME:** Unrestricted

**15. REGULATORY INFORMATION**

**CALIFORNIA PROPOSITION 65:** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Ethylene Oxide  
This product contains Saccharin. No Proposition 65 hazard warning is necessary if this product is used as reasonably anticipated.

**16. OTHER INFORMATION**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

N/D — NOT DETERMINED    N/A — NOT APPLICABLE    N/R — NOT REGULATED