

Section I - IDENTIFICATION

TRADE NAME: EPIWELD® 9-N-11

MANUFACTURER: Lambert Corporation
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Section II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS NUMBER</u>	<u>PEL OSHA (PPM)</u>	<u>TLV: ACGIH (PPM)</u>	<u>OTHER LIMITS</u>
PART A:				
Reaction product of Epichlorohydrin and Bisphenol A	25068-38-6	N/E	N/E	
Pyrogenic micro-dispersed silica	112945-52-5	0.8 mg/m ³	3.0 mg/m ³	
Propylene Glycol	000057-55-6	10 mg/m ³	50 ppm	
PART B:				
Titanium Dioxide TiO ₂	13463-67-7	15 mg/m ³	10 mg/m ³	
Diethylenetetramine	111-40-0	N/E	N/E	
Amine Adduct	31326-29-1	N/E	N/E	
Bisphenol A	80-05-7	N/E	N/E	
Aminoethylpiperazine	140-31-8	N/E	N/E	
Propylene Glycol	000057-55-6	10 mg/m ³	50 ppm	
Silicon Dioxide SiO ₂	7631-86-9	6 mg/m ³	10 mg/m ³	
Calcium Carbonate CaCO ₃	1317-65-3	15 mg/m ³	10 mg/m ³	
Pyrogenic micro-dispersed silica	112945-52-5	0.8 mg/m ³	3.0 mg/m ³	
Iron Oxide	1317-61-9	NONE EST.	NONE EST.	SEE NOTE*

GENERAL INFORMATION: This document supersedes all previous versions. To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

HMIS		
PART	A	B
Health	2	2
Flammability	1	1
Reactivity	0	0
Personal Protection	H	H

Section III - PHYSICAL DATA / CHEMICAL CHARACTERISTICS

<i>Boiling Point</i>	N/A	<i>Specific Gravity (H₂O = 1):</i>	A: 1.13 B: 0.96
<i>Vapor Pressure (mm Hg):</i>	N/A	<i>Melting Point</i>	N/A
<i>Vapor Density (AIR=1):</i>	N/A	<i>Evaporation Rate (Butyl Acetate = 1):</i>	N/A
<i>Solubility in Water:</i>	Insoluble	<i>Appearance and Odor:</i>	A: Clear liquid, Slight Odor B: Amber liquid, Amine Odor

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 200°F (~93°C)

Flammable Limits: NON-FLAMMABLE *LEL:* N/A *UEL:* N/A

Extinguishing Media: CARBON DIOXIDE (CO₂), DRY CHEMICAL, WATER SPRAY, FOAM

Special Fire Fighting USE A SCBA

Unusual Fire and Explosion Hazards: NONE KNOWN.

Section V - REACTIVITY DATA

Stability: **STABLE**

Incompatibility (Conditions or Materials to Avoid): STRONG ACIDS, PEROXIDES, OTHER OXIDIZING AGENTS

Hazardous Decomposition of Byproducts: CARBON MONOXIDE, CARBON DIOXIDE, AND ORGANIC NITROGEN COMPOUNDS

Hazardous Polymerization: **WILL NOT OCCUR**

Conditions to Avoid: EXPOSURE TO EXCESSIVE HEAT (>95°F) WILL SHORTEN LIFE

Section VI - HEALTH HAZARD DATA*Routes of Entry:*

Eyes: IRRITANT. CORNEAL INJURY IS NOT EXPECTED. POSSIBLE BURNS.

Inhalation: HEATED VAPORS CAN CAUSE IRRITATION

Skin: IRRITANT AND/OR SENSITIZER

Ingestion: NOT EXPECTED

Health Data Comment - Additional:

IARC CLASSIFIES SILICA AS A GROUP I CARCINOGEN BASED UPON EVIDENCE AMONG WORKERS IN INDUSTRIES WHERE THERE HAS BEEN LONG-TERM AND CHRONIC EXPOSURE (VIA INHALATION) TO SILICA DUST. THIS PRODUCT DOES NOT POSE A DUST HAZARD; THEREFORE THIS CLASSIFICATION IS NOT RELEVANT.

Carcinogenicity: CLASSIFIED YES
 NTP: YES
 IARC Monographs: YES
 OSHA Regulated: YES

Signs and Symptoms of Exposure:

EYE AND/OR SKIN IRRITATION

Medical Conditions Generally Aggravated by Exposure:

EXTREMELY SENSITIVE SKIN OR BREATHING PROBLEMS.

Emergency & First Aid Procedures:

Ingestion: IF CONSCIOUS, GIVE PLENTY OF WATER; DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN.

Eyes: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Skin: WASH WITH MILD SOAP AND WATER.

Inhalation: MOVE TO FRESH AIR. GIVE OXYGEN IF NECESSARY.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case Material is released or spilled:

AVOID ALL PERSONAL CONTACT, SCOOP UP WITH SPADE AND PLACE IN DISPOSABLE METAL CONTAINER. FLUSH CONTAMINATED AREAS.

Waste Disposal Method:

IF THE MATERIAL AS SUPPLIED BECOMES A WASTE, DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID PROLONGED INHALATION OF VAPORS. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. STORE IN A COOL DRY PLACE OUT OF THE DIRECT RAYS OF THE SUN. KEEP FROM FREEZING.

Other Precautions:

NONE

FOR INDUSTRIAL USE ONLY

Section VIII - CONTROL MEASURES

<i>Respiratory Protection (Type):</i>	USE NIOSH APPROVED ORGANIC CHEM CARTRIDGE RESPIRATOR
<i>Ventilation: Local Exhaust:</i>	GENERAL
<i>Mechanical (General):</i>	N/A
<i>Special:</i>	
<i>Other:</i>	
<i>Protective Clothing:</i>	CLOTH OR IMPERMEABLE GLOVES
<i>Eye Protection:</i>	WEAR SPLASH PROOF CHEMICAL GOGGLES.
<i>Other Protective Clothing or Equipment:</i>	WEAR APPROPRIATE APPAREL TO PREVENT SKIN CONTACT.
<i>Work/Hygienic Practices:</i>	PRACTICE APPROPRIATE HYGIENIC PRACTICE. WASH THOROUGHLY AFTER HANDLING