

Section I - IDENTIFICATION

TRADE NAME: EPIWELD® C-200 part A

MANUFACTURER: Lambert Corporation
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Orlando, FL 32805

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Section II - HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS NUMBER</u>	<u>PEL OSHA (PPM)</u>	<u>TLV: ACGIH (PPM)</u>	<u>OTHER LIMITS</u>
Tris (2,4,6 Dimethylaminomethyl) Phenol	90-72-2	5ppm	5ppm	
Dimethylbenzene	1330-20-7	100ppm	150ppm	
Coal Tar	8007-45-2	0.2 mg/m ³	0.2 mg/m ³	
Triethylene Tertramine	112-24-3	N/E	N/E	

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	
Health	3
Flammability	3
Reactivity	0
Personal Protection	F

Section III - PHYSICAL DATA / CHEMICAL CHARACTERISTICS

<i>Boiling Point</i>	N/A	<i>Specific Gravity (H₂O = 1):</i>	1.3 - 1.32
<i>Vapor Pressure (mm Hg):</i>	5.1 mmgh @ 68°C	<i>Melting Point</i>	N/A
<i>Vapor Density (AIR=1):</i>	<3.7	<i>Evaporation Rate (Butyl Acetate = 1):</i>	N/A
<i>Solubility in Water:</i>	Partial	<i>Appearance and Odor:</i>	Black color, Coal Tar Odor

Section V - REACTIVITY DATA**Stability:** **STABLE**

Incompatibility (Conditions or Materials to Avoid): AVOID HIGH TEMPERATURES. DO NOT ALLOW MOLTEN PRODUCT TO CONTACT WATER OR OTHER LIQUIDS.

Hazardous Decomposition of Byproducts: CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACID, AND STRONG MINERAL AND ORGANIC BASES.

Hazardous Polymerization: MASSES OF PRODUCT (1lb or more) WILL REACT WITH ALIPHATIC AMINE

Conditions to Avoid: N/A

Section VI - HEALTH HAZARD DATA

<i>Routes of Entry:</i>	<i>Eyes:</i>	MODERATE IRRITANT
	<i>Inhalation:</i>	TOXIC IN LARGE AMOUNTS
	<i>Skin:</i>	MODERATE IRRITANT
	<i>Ingestion:</i>	IRRITANT

Health Hazards (Acute and Chronic):

MAY BE IRRITATING TO THE EYES AND SKIN. CONTACT WITH HOT MATERIAL CAN CAUSE THERMAL BURNS. MAY CAUSE SKIN SENSITIZATION.

<i>Carcinogenicity:</i>	CLASSIFIED	NO
	NTP:	NO
	IARC Monographs:	NO
	OSHA Regulated:	NO

Signs and Symptoms of Exposure:

PROLONGED EXPOSURE MAY CAUSE SKIN SENSITIZATION, THOUGH NOT ANTICIPATED. SOME STUDIES HAVE SHOWN POTENTIAL CARCINOGENICITY.

Medical Conditions Generally Aggravated by Exposure:

ASTHMA, CHRONIC RESPIRATORY DISEASE, EYE DISEASE, SKIN DISORDERS AND ALLERGIES

Emergency & First Aid Procedures:

INGESTION:	NO HAZARDS ANTICIPATED
EYES:	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES
SKIN:	WASH THOROUGHLY WITH SOAP & WATER
INHALATION:	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE*Steps to be taken in case Material is released or spilled:*

ABSORB WITH MATERIAL SUCH AS SAND, OR POLYPROPYLENE FIBER PRODUCTS. COLLECT IN SUITABLE AND PROPERLY LABEL CONTAINERS. REMOVE RESIDUAL USING HOT SOAPY WATER. RESIDUAL CAN BE REMOVED WITH SOLVENT.

Waste Disposal Method:

SOLIDIFY AND DISPOSE OF IN AN APPROVED INDUSTRIAL LANDFILL ACCORDING TO ALL FEDERAL STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage:

NONE

Other Precautions:

NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC OR ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR.

FOR INDUSTRIAL USE ONLY

SHIPPING CLASS: 55

Section VIII - CONTROL MEASURES

Respiratory Protection (Type): FOLLOW OSHA RESPIRATORY STANDARD TO AVOID OVEREXPOSURE

Ventilation: Local Exhaust: PROVIDE STANDARD INDUSTRIAL VENTILATION

Mechanical (General):

Special:

Other:

Protective Gloves: BUTYL; EVAL-LAMINATE

Eye Protection: CHEMICAL GOGGLES RECOMMENDED.

Other Protective Clothing or Equipment: WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING

Work/Hygienic Practices: PROVIDE READILY ACCESSIBLE EYE WASH STATIONS AND SAFETY SHOWERS. WASH AT THE END OF EACH WORK SHIFT AND BEFORE EATING, SMOKING, OR USING THE TOILET. PROMPTLY REMOVE CLOTHING THAT BECOMES CONTAMINATED. USE APPROPRIATE HAND AND SKIN LOTIONS TO PROTECT THE SKIN. DISCARD CONTAMINATED LEATHER ARTICLES.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80°F CC

Flammable Limits: Flammable

LEL: 1.00

UEL: 6.60

Extinguishing Media:

USE WATER FOG. "ALCOHOL" FOAM, CHEMICAL OR CO₂

Special Fire Fighting Procedures:

WARNING. FLAMMABLE - DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES, AND RUBBER BOOTS). INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire and Explosion Hazards:

DELAYED LUNG DAMAGE (PULMONARY EDEMA) CAN BE EXPERIENCED AFTER EXPOSURE TO COMBUSTION PRODUCTS, SOMETIMES HOURS AFTER THE EXPOSURE. NITROGEN OXIDES AND NITROGEN CONTAINING ORGANIC COMPOUNDS MAY BE RELEASED UPON COMBUSTION. CONTAINERS EXPOSED TO INTENSIVE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

Section V - REACTIVITY DATA

Stability:

STABLE

Incompatibility (Conditions or Materials to Avoid):

STRONG ACIDS, STRONG BASES, STRONG OXIDIZING AGENTS, REDUCING AGENTS, AND/OR HEAT.

Hazardous Decomposition of Byproducts:

CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND OXIDES OF NITROGEN.

Hazardous Polymerization:

WILL NOT OCCUR

Conditions to Avoid:

N/A

Section VI - HEALTH HAZARD DATA

<i>Routes of Entry:</i>	<i>Eyes:</i>	MODERATE IRRITANT
	<i>Inhalation:</i>	TOXIC IN LARGE AMOUNTS
	<i>Skin:</i>	MODERATE IRRITANT
	<i>Ingestion:</i>	IRRITANT

Health Hazards (Acute and Chronic):

OVEREXPOSURE TO THIS MATERIAL CAN CAUSE SKIN, EYE AND RESPIRATORY IRRITATION AND ALLERGIC SKIN REACTIONS. A COMPONENT IN THIS PRODUCT CAN CAUSE DIZZINESS, HEADACHE, LOSS OF BALANCE, COUGHING, PULMONARY, EDEMA, NAUSEA, VOMITING AND KIDNEY AND LIVER DAMAGE. MAY CAUSE CARDIAC ARRHYTHMIA IN SENSITIVE INDIVIDUALS. MAY HAVE EFFECTS ON REPRODUCTION.

<i>Carcinogenicity:</i>	CLASSIFIED	YES
	NTP:	YES
	IARC Monographs:	YES
	OSHA Regulated:	YES

Signs and Symptoms of Exposure:

METALLIC TASTE, GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, RESPIRATORY TRACT), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS), INITIAL CENTRAL NERVOUS SYSTEM (CNS) EXCITATION, (EUPHORIA, EXHILARATION, LIGHT-HEADEDNESS) FOLLOWED BY (CNS) DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS) AND OTHER CNS EFFECTS, MUSCLE WEAKNESS, IMPAIRED COORDINATION, CONFUSION, COMA, AND DEATH.

Medical Conditions Generally Aggravated by Exposure:

ALLERGY, ECZEMA, OR SKIN CONDITIONS

Emergency & First Aid Procedures:

INGESTION:	GIVE AT LEAST 3 - 4 GLASSES OF WATER BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE WATER AGAIN. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. GET MEDICAL ATTENTION.
EYES:	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES
SKIN:	WASH THOROUGHLY WITH SOAP & WATER
INHALATION:	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE*Steps to be taken in case Material is released or spilled:*

COMPONENT A IS RESISTANT TO BIODEGRADATION IN BIOLOGICAL WASTE WATER TREATMENT PLANTS. IT COULD BE TOXIC TO THE BIOMASS IN A TREATMENT PLANT AND COULD BE TOXIC TO FISH. **WARNING:** FLAMMABLE. ELIMINATE ALL IGNITION SPARKING. LARGE SPILLS - EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN IF VAPOR CLOUD FORMS. WATER FOG MAY BE USED TO SUPPRESS, CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. DISPOSE OF SLUSH SOLUTIONS AS ABOVE. SMALL SPILL - TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINER. SEAL TIGHTLY FOR PROPER DISPOSAL.

Waste Disposal Method:

SOLIDIFY AND DISPOSE OF IN AN APPROVED INDUSTRIAL LANDFILL ACCORDING TO ALL FEDERAL STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage:

WARNING: FLAMMABLE LIQUID / CORROSIVE LIQUID - CAN CAUSE IRRITATION AND SENSITIZATION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

Other Precautions:

KEEP OUT OF SURFACE WATERS, SEWERS AND WATERWAYS ENTERING OR LEADING TO SURFACE WATERS. NOTIFY AUTHORITIES IF AN EXPOSURE TO THE GENERAL PUBLIC OR ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR. THE REPORTABLE QUANTITY FOR A LEAK IS 50,000lbs WHICH IS BASED ON THE PRESENCE OF EPICHLOROHYDRIN AND APPROXIMATE OF 2-3ppm.

FOR INDUSTRIAL USE ONLY

SHIPPING CLASS: 55

Section VIII - CONTROL MEASURES

<i>Respiratory Protection (Type):</i>	FOLLOW OSHA RESPIRATORY STANDARD TO AVOID OVEREXPOSURE
<i>Ventilation: Local Exhaust:</i>	PROVIDE STANDARD INDUSTRIAL VENTILATION
<i>Mechanical (General):</i>	
<i>Special:</i>	
<i>Other:</i>	
Protective Gloves:	USE NITRILE GLOVES IF CONDITIONS WARRANT
Eye Protection:	SAFETY GOGGLES ARE RECOMMENDED
Other Protective Clothing or Equipment:	PROTECTIVE CLOTHING IS PREFERRED. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. AN EYE BATH IS SUGGESTED IN THE VICINITY OF USE.
Work/Hygienic Practices:	PRACTICE GOOD HOUSEKEEPING. USE GOOD PERSONAL HYGIENE PRACTICES.