

# Material Safety Data Sheet

## CONPOXY COATING A & B

Hard Hat Construction Supply  
13407 Yorba Ave.  
Chino, CA 91710

Phone: (951) 229-7321  
24 hour emergency contact: CHEMTREC (800) 424-9300

SECTION I	PRODUCT IDENTIFICATION		
Trade Name	ConPoxy Coating – part A		
Chemical Family	Modified Bisphenol A – Epichlorohydrin		
NFPA Ratings (Hazard ID)	Health – 2	Fire – 1	Reactivity - 0
HMIS Ratings (Hazard ID)	Health – 2	Fire – 1	Reactivity - 0
<b>WARNING! Irritant to skin, eyes. May be fatal if ingested or overexposed. Harmful to lungs, central nervous system, mucous membrane, possibly blood, kidneys, liver and reproductive system. Spill may create slipping hazard.</b>			

SECTION II	INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATION			
INGREDIENT	<i>Bisphenol A / Epichlorohydrin Resin</i>	<i>Nonyl Phenol</i>		
CAS#	25068-38-6	84852-15-3		
ACGIH TLV/TWA	5 mg/m <sup>3</sup>	N/A		
ACGIH TLV/STEL	5 mg/m <sup>3</sup>	N/A		
OSHA PEL/TWA	5 mg/m <sup>3</sup>	N/A		
OSHA PEL/STEL	5 mg/m <sup>3</sup>	N/A		
LD50, Oral	5000 mg/kg	N/A		
LD50, Dermal	20000 mg/kg	N/A		
LD50, Inhalation	N/A	N/A		
PCT by weight	70-90	0-20		

SECTION III	PHYSICAL DATA		
Physical State	Liquid	Specific Gravity	1.17
Appearance	Clear/Yellow	VOC, Calculated	N/A
Odor	Low Odor	pH	N/A
Boiling Range	N/A	Freezing Point	N/A
Vapor Pressure	0.03	Water Solubility	Negligible

SECTION IV	FIRE & EXPLOSION HAZARD DATA
Lowest closed cup flashpoint	N/A
OSHA flammability classification	N/A
Lower flammable limit in air	N/A
Flash points	N/A
Mechanical impact explosion	N/A
Static electricity explosion	N/A
Extinguishing media	Dry chemical or CO <sub>2</sub> is preferred

**UNUSUAL FIRE & EXPLOSION HAZARDS:** KEEP CONTAINER TIGHTLY CLOSED AND ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

**SPECIAL FIRE FIGHTING PROCEDURES:** FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZELS ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

<b>SECTION V</b>	<b>HEALTH HAZARD DATA - Effects of overexposure – primary routes of entry</b>		
<b>Primary Routes of Entry</b>	Inhalation	Skin	Ingestion
<b>Skin contact:</b> STRONG IRRITANT TO SKIN			
<b>Inhalation:</b> N/A			
<b>Ingestion:</b> DRINK PLENTY OF WATER, IMMEDIATELY CONTACT DOCTOR.			
<b>Medical conditions that may be aggravated by exposure to this product:</b> PREEXISTING EYE, SKIN, LIVER, KIDNEY & RESPIRATORY DISORDERS			
<b>Emergency &amp; First Aid procedures:</b> IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION; FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPORS OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.			
<b>Other health hazards:</b> LABORATORY ANIMALS EXPOSED TO HIGH DOSES OF XYLENE SHOWED EVIDENCE OF EFFECTS IN THE LIVER, KIDNEYS, LUNGS, CENTRAL NERVOUS SYSTEM, GI TRACT AND BLOOD FORMING ELEMENTS.			

<b>SECTION VI</b>	<b>REACTIVITY DATA</b>
<b>Stability:</b> STABLE HAZARDOUS POLYMERIZATION: NONE UNDER NORMAL CONDITIONS	
<b>Conditions to avoid:</b> ELEVATED TEMPERATURES	
<b>Incompatibility (material to avoid) :</b> STRONG ACIDS AND STRONG OXIDIZING AGENTS. IF THIS PRODUCT IS NOT WATER REDUCIBLE, AVOID WATER.	
<b>Hazardous decomposition products:</b> THERMAL DECOMPOSITION OR COMBUSTION CAN PRODUCE FUMES CONTAINING ORGANIC ACIDS, CARBON DIOXIDE, AND CARBON MONOXIDE.	

<b>SECTION VII</b>	<b>SPILL OR LEAK PROCEDURES</b>
<b>Steps to be taken in case material is released or spilled:</b> REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC, OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.	
<b>Waste disposal method:</b> DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS, INCINERATE IN APPROVED FACILITY.	

<b>SECTION VIII</b>	<b>SPECIAL PROTECTION INFORMATION</b>
<b>Respiratory Protection:</b> DON'T BREATHE VAPORS. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING USE OF THIS PRODUCT UNTIL VAPORS ARE EXHAUSTED, UNLESS AIR MONITORING DEMONSTRATES VAPOR LEVELS ARE BELOW APPLICABLE LIMITS, FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. OBSERVE OSHA STANDARD 29CFR 1910.134.	
<b>Ventilation:</b> PROVIDE GENERAL CLEAN AIR DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW THE LOWER EXPLOSION LIMIT AND BELOW CURRENT APPLICABLE EXPOSURE LIMITS. REFER TO OSHA STANDARD 1910.94.	
<b>Protective gloves:</b> USE SOLVENT IMPERMEABLE GLOVES TO AVOID CONTACT WITH PRODUCT.	
<b>Eye protection:</b> DO NOT GET IN EYES. USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES AND FACE SHIELDS.	
<b>Other protective equipment:</b> DO NOT GET ON SKIN. USE IMPERMEABLE PROTECTIVE CLOTHING. PREVENT SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED CLOTHING. WASH BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES. EYE BATH AND SAFETY SHOWER SHOULD BE AVAILABLE.	

<b>SECTION IX</b>	<b>SPECIAL PRECAUTIONS</b>
<b>Precautions to be taken in handling &amp; storage:</b> DO NOT PRESSURIZE, CUT, WELD OR GRIND. DO NOT STORE ABOVE 120°F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED AND UPRIGHT WHEN NOT IN USE TO PREVENT LEAKAGE.	
<b>Other precautions:</b> DO NOT TAKE INTERNALLY. WASH HANDS AFTER USING AND BEFORE SMOKING OR EATING. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS RESIDUE AND EXPLOSIVE VAPORS. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND STATIC ELECTRICITY. DON'T CUT OR WELD ON OR NEAR EMPTIED CONTAINERS. FOLLOW ALL HAZARD PRECAUTIONS GIVEN IN THIS SHEET UNTIL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.	

<b>SECTION X</b>	<b>SARA TITLE III INFORMATION</b>			
<i>This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:</i>				
<b>NAME</b>				<b>N/A</b> ☒
<b>CAS#</b>				
<b>PC. WEIGHT</b>				

<b>SECTION XI</b>	<b>D.O.T. REGULATIONS (TRANSPORTATION)</b>			
Hazard class ID number Packing group Proper shipping name Label US Domestic Ground Shipments US Domestic Ground Shipments non-bulk (in containers 119 gallons or less)	NOT REGULATED BY THE D.O.T.			
<b>Cross Border Transport (ADR/RID)</b>				
ADR/RID Class Danger Code (Kemler) UN Number Packing Group Description	N/A			
<b>Marine Transport (IMDG)</b>				
IMDG Class UN Number Label Packing Group EMS Number Marine Pollutant Proper Shipping Name	N/A			
<b>Air Transport (ICAO-TI and IATA-DGR)</b>				
ICAO/IATA Class UN Number Label Packing Group Proper Shipping Name	N/A			

<b>DISCLAIMER AND LIMITATION OF LIABILITY</b>
The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the knowledge of SpecChem; however, SpecChem makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. SpecChem assumes no responsibility for injury to recipient, to third persons or to any property. Recipient assumes all risk.

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Trade Name	ConPoxy Coating – part B		
Chemical Family	Modified Amines		
NFPA Ratings (Hazard ID)	Health – 2	Fire – 1	Reactivity - 0
HMIS Ratings (Hazard ID)	Health – 2	Fire – 1	Reactivity - 0
<b>WARNING! Strong irritant to skin, eyes. Wear protective equipment prior to use. Corrosive. May be fatal if ingested or overexposed. Harmful to lungs, central nervous system, mucous membrane, possibly blood, kidneys, liver and reproductive system. Spill may create slipping hazard.</b>			

SECTION II	INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATION			
INGREDIENT	<i>N-Amino Ethyl Piperazine</i>	<i>Aliphatic Polyamido Amine Modified</i>	<i>Nonyl Phenol</i>	
CAS#	140-31-8	N/A	84852-15-3	
ACGIH TLV/TWA	N/A	N/A	N/A	
ACGIH TLV/STEL	N/A	N/A	N/A	
OSHA PEL/TWA	N/A	N/A	N/A	
OSHA PEL/STEL	N/A	N/A	N/A	
LD50, Oral	N/A	N/A	N/A	
LD50, Dermal	N/A	N/A	N/A	
LD50, Inhalation	N/A	N/A	N/A	
PCT by weight	0-30	0-50	0-50	

SECTION III	PHYSICAL DATA		
Physical State	Liquid	Specific Gravity	0.96
Appearance	Mobile Amber Liquid	VOC, Calculated	N/A
Odor	Ammoniacal / Fishy	pH	Alkaline
Boiling Range	N/A	Freezing Point	N/A
Vapor Pressure	<1	Water Solubility	Negligible

SECTION IV	FIRE & EXPLOSION HAZARD DATA
Lowest closed cup flashpoint	Over 212°F
OSHA flammability classification	N/A
Lower flammable limit in air	N/A
Flash points	Over 212°F
Mechanical impact explosion	N/A
Static electricity explosion	N/A
Extinguishing media	Dry chemical or CO <sub>2</sub> is preferred
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SECTION X	SARA TITLE III INFORMATION			
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<b>NAME</b>				<b>N/A</b> ☒
<b>CAS#</b>				
<b>PC. WEIGHT</b>				

SECTION XI	D.O.T. REGULATIONS (TRANSPORTATION)			
Hazard class	8			
ID number	UN 2735			
Packing group	III			
Proper shipping name	Amines, Liquid, Corrosive NOS			
Label	8			
US Domestic Ground Shipments	Corrosive Liquid NOS			
US Domestic Ground Shipments non-bulk (in containers 119 gallons or less)	Corrosive Liquid NOS			
<b>Cross Border Transport (ADR/RID)</b>				
ADR/RID Class	8 Corrosive Substances			
Danger Code (Kemler)	8			
UN Number	2735			
Packing Group	III			
Description	2735 Amines, Corrosive Liquid NOS			
<b>Marine Transport (IMDG)</b>				
IMDG Class	8			
UN Number	2735			
Label	8			
Packing Group	III			
EMS Number	F-A, S-B			
Marine Pollutant	No			
Proper Shipping Name	Amines, Corrosive Liquid NOS			
<b>Air Transport (ICAO-TI and IATA-DGR)</b>				
ICAO/IATA Class	8			
UN Number	2735			
Label	8			
Packing Group	III			
Proper Shipping Name	Amines, Corrosive Liquid NOS			

DISCLAIMER AND LIMITATION OF LIABILITY
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