POWER POXY® ADHESIVES INC.
2445 S. 179th STREET
NEW BERLIN, WI 53146

SALES 1-800-248-POXY
FACTORY 414-821-1999
FAX 414-821-5055

POWER POXY GEL

EPOXY GEL ADHESIVE

POWER POXY EPOXY GEL is a two component structural epoxy adhesive capable of bridging gaps, filling wood, and is an excellent general purpose adhesive. The tintable formula is more versatile than liquid epoxies. Won't sag, run or shrink. Waterproof. Ideal for Indoor or Outdoor Uses. Stronger than wood fillers, bridges gaps better than wood glues. Holds stronger than contact cements.

PHYSICAL PROPERTIES

UNMIXED STATE

Base Compound:	Part A: Epoxy Resin Part B: Amino
Appearance:	Blue Gel Amber Gel
Viscosity (cps@68Deg.F):	Thixitropic
Specific Gravity (g/cc):	1.00
Flash Point (TCC):	> 200 Deg F. for A and B
Shelf Life@40Deg. F:	Two years in unopened containers
Setting Time: (77Deg.F,65%R.H.)	
Metal/Metal	11 Minutes
Plastic/Plastic	11 Minutes
Rubber/Rubber	11 Minutes
SPI Classification	Part A: 2 PArt B: 2
Freight Class	Part A: 1 Part B: 2

MIXED (Cured State)

Mix Ratio	1 to 1
Appearance:	Translucent Solid
Service Temperature Range:	-65 Deg.F to 250 Deg.F
Vapor Pressure (mmHg):	Nil
Vapor Density (Air=1):	>1
Full Cure Time:	24 Hours
Coefficient of Thermal Expansion (in/in/DegF):	.001
Tensile Strength: Aluminum/Aluminum	3912 psi
Solubility in Water:	Negligible

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the consumer. The Company, however, cannot assume any liability or risk involved in the use of its chemicals since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.

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MATERIAL SAFETY DATA SHEET

FOR POWER POXY EPOXY GEL

NFPA HAZARD RATINGS
HEALTH 2 FLAMMABILITY 0 REACTIVITY 2 OTHER NONE

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME:
POWER POXY GEL

CHEMICAL NAME/SYNONYMS:
EPOXY RESIN & ALIPHATIC AMINE CURING AGENT

COMMON NAME:
Epoxy Resin and Hardener

FORMULA/MOLECULAR WEIGHT:
N/A - MIXTURE

CAS NUMBER
N/A - MIXTURE

DOT HAZARD CLASSIFICATION
NON-HAZARDOUS

TECHNICAL CONTACT
BRYAN CLARK

TELEPHONE NUMBER
(414) 821-1999

EMERGENCY NUMBER
1-800-248-POXY

SECTION II: PRODUCT DESCRIPTION

APPEARANCE: TRANSLUCENT GEL
ODOR: SLIGHT AMMONIA SMELL

PHYSICAL PROPERTIES

BOILING POINT: > 225 DEG F
PERCENT VOLATILES: 0 AT 70 DEG F
EVAPORATION RATE: <1

SPECIFIC GRAVITY (H_2O = 1): 1.00
WATER MISCIBILITY: NEGLIBLE
VAPOR PRESSURE: NIL

HAZARDOUS COMPONENTS

LISTED BELOW ARE HAZARDOUS COMPONENT(S) AS DEFINED IN 49 CFR 172 AND 29 CFR 1910 WHICH ARE PRESENT IN THIS PRODUCT AND ALL COMPONENTS WHICH APPEAR ON THE HAZARDOUS SUBSTANCE LIST OF ANY STATE.

Part B: Contains amines with no established TLV. Hazard: Corrosive; possible irritant.

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: > 200 DEG F
TEST METHOD. CLOSED CUP
LOWER FLAMMABLE LIMIT - N/A
UPPER FLAMMABLE LIMIT - N/A

RECOMMENDED EXTINGUISHING MEDIA: WATER SPRAY, CO_2, FOAM, DRY CHEMICAL

UNUSUAL FIRE OR EXPLOSION HAZARDS (CONDITIONS TO AVOID): NONE

SPECIAL FIRE FIGHTING PROCEDURES:
AVOID BREATHING SMOKE. IN CONFINED AREAS, FULL FIRE FIGHTING EQUIPMENT INCLUDING NIOSH APPROVED SELF-CONTAINED BREATHING APPARTUS. COOL FIRE EXPOSED CONTAINERS WITH WATER

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SECTION IV: REACTIVITY DATA**********

PRODUCT IS STABLE UNDER NORMAL CONDITIONS.
INCOMPATABILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, STRONG ACIDS AND BASES

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
CONDITIONS TO AVOID: LARGE MIXTURES IN BULK. CURING PROCESS IS EXOTHERMIC

SECTION V: ACUTE HEALTH AND SAFETY DATA**********

ANSI HAZARD CLASS PART A: 4 PART B: 4
SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: A: SEVERELY IRRITATING TO SKIN AND EYES. POSSIBLE SKIN SENSITIZER. B: VAPORS ARE IRRITATING AND MAY CAUSE IRRITATION OF RESPIRATORY TRACT.

INGESTION: A: MODERATE TOXICICITY. MAY BE HARMFUL
B: MODERATE TOXICITY. MAY CAUSE BURNS OF MOUTH AND THROAT

SKIN ABSORPTION: A: MAY POSSIBLY BE ABSORBED THROUGH SKIN IN TOXIC AMOUNTS.
B: REPEATED AND PROLONGED EXPOSURE MAY BE HARMFUL.

EYE CONTACT: A: MODERATELY IRRITATING
B: MODERATELY IRRITATING; PERMANENT DAMAGE POSSIBLE ON PROLONGED EXPOSURE

SKIN CONTACT: A: SEVERELY IRRITATING
B: MAY CAUSE CHEMICAL BURNS. MAY DEVELOP ALLERGIC SKIN REACTION

SECTION VI: HANDLING PRECAUTIONS / FIRST AID RECOMMENDATIONS******

SKIN CONTACT:
REMOVE CONTAMINATED CLOTHING. WASH FROM SKIN WITH SOAP AND WATER. LAUNDER CLOTHING PRIOR TO RE-USE.

EYE CONTACT : FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

INHALATION:
CAUTION! VAPORS MAY CAUSE IRRITATION OF NOSE AND BRONCHIAL PASSAGES. AVOID PROLONGED INHALATION. FIRST AID: MOVE TO FRESH AIR. IF SYMPTONS PERSIST, CALL A PHYSICIAN IMMEDIATELY.

ORAL INGESTION:
DO NOT INDUCE VOMITING. GIVE LARGE DOSES OF WATER. CALL A

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OTHER:
NO CARCINOGENICITY, MUTAGENICITY OR TERATOGENICITY EFFECTS ARE KNOWN. NO EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN EFFECTS ARE KNOWN. NTP: NO IARC: NO OSHA: NO

SECTION VII: SPILL PROCEDURES**********

STEPS TO TAKE IF SPILLED:
AVOID CONTACT WITH LIQUID AND VAPORS. WIPE WITH A CLOTH OR COLLECT ON ABSORBENT MATERIAL. LARGE SPILLS: DIKE & CONTAIN. PUMP OR SHOVEL INTO SALVAGE VESSELS

WASTE DISPOSAL:
CURE, THEN BURY OR INCINERATE WHERE PERMITTED BY FEDERAL, STATE, AND LOCAL REGULATIONS. REMOVE SALVAGE VESSELS TO A WASTE DISPOSAL SITE OPERATING IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII: SPECIAL PROTECTION INFORMATION**********

VENTILATION REQUIREMENTS: LOCAL EXHAUST

PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED.

EYE PROTECTION: SPLASH PROOF CHEMICAL GOGGLES

SKIN PROTECTION: IMPERVIOUS RUBBER AND APRON

RESPIRATORY PROTECTION: FOR EXCESSIVE VAPORS OR TO MAINTAIN BELOW TLV LIMITS. NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IN COMPLIANCE WITH 29.CFR 1910.134

SECTION IX: HANDLING AND STORAGE**********

STORE IN A COOL, DRY AREA IN TIGHTLY CLOSED CONTAINERS. AVOID CONTACT WITH SKIN AND EYES. USE WITH ADEQUATE VENTILATION. USE GOOD HYGIENE PRACTICES.

D.O.T. CLASS: A: NOT REGULATED
B: CORROSIVE LIQUID,UN 1760,

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THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE ACCURATE. HOWEVER, POWER POXY ADHESIVES, INC. MAKES NO WARRANTY EXPRESSED OR IMPLIED CONCERNING THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY OF THE PRODUCT DESCRIBED HEREIN. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST.

DATE: MARCH 1, 1995

PACKAGED BY: POWER POXY ADHESIVES, INC. PACKAGING DIVISION. .