

# Material Safety Data Sheet

## QUICKMOUNT 2 Epoxy Hardener

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### SECTION I PRODUCT IDENTIFICATION

**MANUFACTURER:** PACE Technologies  
1802 W. Grant Rd. No. 102  
Tucson, AZ 85745

**INFORMATION PHONE:** 520-882-6598

**EMERGENCY PHONE:** CHEMTREC 800-424-9300 (US) Day or night  
International call collect CHEMTREC 202-483-7616

**TRADE NAME:** QUICKMOUNT 2 EPOXY RESIN HARDENER

**CHEMICAL FAMILY:** POLYAMINE BLEND

**HMIS RATING:** HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

**HAZARD RATING:**

LEAST: 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4

### SECTION II HAZARDOUS INGREDIENTS

| <u>COMPONENT(S)</u>                         | <u>CAS NO.</u> | <u>OSHA PEL</u> | <u>ACIGH TLV</u> |
|---|----------------|-----------------|------------------|
| DETA, REACTION PRODUCTS WITH ETHYLENE OXIDE | 28063-82-3     | NE              | NE               |
| DIETHYLENETRIAMINE (DETA)                   | 111-40-0       | 1 ppm           | 1 ppm            |

**Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.**

\*EXACT IDENTITY WITHHELD AS A TRADE SECRET

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### SECTION III PHYSICAL DATA

|   |                                       |
|---|---------------------------------------|
| <b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 1.03    | <b>BOILING POINT:</b> >200° F         |
| <b>VAPOR PRESSURE (MM HG):</b> <1                   | <b>% VOLATILE BY VOL. =</b> 0         |
| <b>SOLUBILITY IN WATER:</b> PARTIAL                 | <b>EVAPORATION RATE:</b> NIL          |
| <b>APPEARANCE AND ODOR:</b> LIQUID, MILD AMINE ODOR | <b>VAPOR DENSITY (AIR=1) &gt;</b> AIR |

### SECTION IV FIRE AND EXPLOSION DATA

**FLASH POINT (PMCC):** >200° F

**EXTINGUISHING MEDIA:** WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL.

**SPECIAL FIRE FIGHTING PROCEDURES:** FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE USED TO COOL FIRE EXPOSED CONTAINER TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR RUPTURE.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** KEEP CONTAINERS TIGHTLY CLOSED. WATER MAY BE USED TO COOL UNRUPTURED CONTAINERS.

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### SECTION V REACTIVITY

|                                  |  |
|----------------------------------|--|
| <b>STABILITY:</b>                | STABLE   |
| <b>HAZARDOUS POLYMERIZATION:</b> | WILL NOT OCCUR   |
| <b>CONDITIONS TO AVOID:</b>      | HIGH TEMPERATURES, HIGH HUMIDITY.  |
| <b>MATERIALS TO AVOID:</b>       | STRONG OXIDIZING AGENTS, ACIDS,<br>EPOXY RESINS IN UNCONTROLLED<br>CONDITIONS. |

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### SECTION VI HEALTH HAZARD DATA

#### EFFECTS OF OVEREXPOSURE:

|   |   |
|---|---|
| <b>ACUTE: SKIN</b>  | PRIMARY REDNESS AND IRRITATION.   |
| <b>CHRONIC:</b>   | MAY CAUSE SKIN SENSITIZATION.   |
| <b>ACUTE: INHALATION;</b>                                       | SYMPTOMS MAY INCLUDE BURNING SENSATION,<br>COUGHING AND SORTNESS OF BREATH. |
| <b>MEDICAL CONDITIONS PRONE TO<br/>AGGRAVATION BY EXPOSURE:</b> | CHRONIC DISEASES OF THE SKIN.   |
| <b>PRIMARY ROUTES OF EXPOSURE:</b>                              | DERMAL  |

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### SECTION VII EMERGENCY AND FIRST AID PROCEDURES

|                     |   |
|---------------------|---|
| <b>INHALATION :</b> | MOVE PERSON TO FRESH AIR. RESTORE BREATHING. TREAT SYMPTOMATICALLY. CONSULT A PHYSICIAN   |
| <b>EYES:</b>        | FLUSH EYES WITH WATER FOR AT LEAST 15-MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT.   |
| <b>SKIN:</b>        | WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.  |
| <b>INGESTION:</b>   | DRINK ONE OR TWO GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING. GIVE MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. |

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### SECTION VIII PROTECTIVE MEASURES

#### RESPIRATORY PROTECTION:

AVOID BREATHING VAPORS/MISTS. USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATON OF PARTICULATES AND ORGANIC VAPORS IN OPEN AND RESTRICTED AREAS WHEN VENTILATION DOES NOT MEET THE REQUIREMENTS OF 29 CFR 1910.134. USE APPROVED AIRLINE TYPE RESPIRATORS OR HOODS IN CONFINED AREAS.

#### VENTILATON:

SUFFICIENT VENTILATION IN PATTERN AND VOLUME TO KEEP THE AIR CONTAMINANT CONCNETATION BELOW APPLICABLE EXPOSURE LIMITS. ALL APPLICATION AREAS SHOULD BE VENTILATED IN ACCORDANCE WITH OSGA REGULATION 29 CFR 1910.134

#### PROTECTIVE GLOVES:

USE NEOPRENE OR OTHER IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT.

#### EYE PROTECTION:

USE SAFETY GLASSES WITH SIDE SHIELDS AS MINIMUM PROTECTION.

#### OTHER PROTECTIVE EQUIPMENT:

USE PROTECTIVE CREAM IF SKIN CONTACT IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES.

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### HYGENIC PRACTICES:

WASH HANDS BEFORE EATING, SMOKING OR USING TOILET FACILITIES. DO NOT SMOKE IN ANY CHEMICAL HANDLING AND STORAGE AREA. FOOD OR BEVERAGES SHOULD NOT BE CONSUMED ANYWHERE NEAR THIS PRODUCT IS HANDLED OR STORED.

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## SECTION IX SPILL OR LEAK PROCEDURES

**SPILLS:** CONTAIN AND REMOVE WITH ABSORBENT MATERIAL. AVOID CONTACT.

**WASTE DISPOSAL METHOD:** DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH FEDERAL (40 CFR PART 261), STATE AND LOCAL REGULATIONS. BEFORE ATTEMPTING CLEAN-UP, REFER TO HAZARD CAUTION INFORMATION IN OTHER SECTIONS OF THE MSDS FORM. USE ONLY LICENSED HAZARDOUS WASTE DISPOSAL COMPANIES.

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## SECTION X SPECIAL PRECAUTIONS

**HANDLING AND STORAGE:** DO NOT STORE NEAR HEAT OR OPEN FLAME.

**OTHER:** EMPTY CONTAINER SHOULD NOT BE REUSED.

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## SECTION XIII TRANSPORTATION REQUIREMENTS

**DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME:** AMINES, LIQUID, CORROSIVE, N.O.S. (DIETHYLENETRIAMINE)

**HAZARD CLASS OR DIVISION:** 8

**PACKING GROUP NUMBER:** II

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**REQUIRED LABEL:** CORROSIVE

**UN NUMBER:** UN 2079

**TSCA STATUS:** ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON, OR EXEMPTED FROM THE REQUIREMENT TO BE LISTED ON, THE TSCA INVENTORY.

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### SECTION XIV SPECIAL NOTES

#### FOR COMPANY USE

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE HEREOR: HOWEVER PACE TECHNOLOGIES MAKES NO WARRANTY, EXPRESS OR IMPLIED WITH RESPECT TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USER THEREOF.

NA= NOT AVAILABLE  
NE = NOT ESTABLISHED  
ND = NOT DETERMINED  
MPPCF = MILLION PARTS/FT3

DATE PREPARED: 5/28/2001

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