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1. CHEMICAL PRODUCT IDENTIFICATION

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PRODUCT NAME - RAPID CURE HARDENER PART B

PRODUCT CLASS - Hardener

PRODUCT SIGNAL WORD Warning

PRODUCT HAZARDS Possible Sensitizer

MANUFACTURER - Phoenix Resins, Inc.  
2615 River Road Unit #3A  
Cinnaminson, NJ 08077

PRODUCT EMERGENCY NUMBERS - 1-888-627-3769 (company)  
CHEMTREC -1- 800-424-9300 for emergency information only.

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2. COMPOSITION / INFORMATION On INGREDIENTS

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DESCRIPTION - The exact Chemical Identity of this component is a Trade Secret.

CAS NUMBER - Not available

COMMON NAME - Aliphatic Amine

EXPOSURE LIMITS - TLV and PEL - Not Established

LD50 ORAL >2.5g/kg (no deaths) Rat,

LC50 INHALATION - no data

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3. HAZARDS IDENTIFICATION

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EYE - Will cause severe eye irritation, pain and may cause burns. Burns may cause blindness

INHALATION - May cause an allergic reaction and irritation of the breathing passages

SKIN ABSORPTION and SKIN CONTACT - Sever skin irritant. Redness and discomfort which is transient.

INGESTION - Not expected to be a relevant route of exposure, but may cause gastrointestinal bleeding and vomiting of blood. Can cause severe and permanent damage to mouth, throat and stomach.

HMIS HAZARD RATING

HEALTH 3 FLAMMABILITY 1 REACTIVITY 0 PERS. PROTECT.

NFPA HAZARD RATING

HEALTH 3 FLAMMABILITY 1 REACTIVITY 0

CARCINOGENICITY - Not listed as an IARC, OSHA or ACGIH potential carcinogen

SPECIAL PROCEDURES IN HANDLING AND STORAGE - Emergency eyewash stations and safety showers must be close to any area of possible exposure.

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#### 4. FIRST AID MEASURES

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EYES - Flush with water immediately. Continue to flush for 30 minutes keeping eyelids open and obtain emergency medical attention.

SKIN - Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for 15 minutes. Cover affected areas with sterile dressing or clean sheeting, DO NOT APPLY GREASES OR OINTMENTS.

INGESTION - DO NOT INDUCE VOMITING, Give 3 -4 glasses of milk or water. Obtain emergency medical help. Note to physicians - This product is highly injurious to all tissues, similar to that of ammonia or ammonia gas. Chemical pneumonitis, pulmonary edema, laryngeal edema and delayed scarring may occur following exposure.

INHALATION- Remove to fresh air. If breathing is labored administer oxygen. Call physician.

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#### 5. FIREFIGHTING MEASURES

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FLAMMABILITY CLASSIFICATION - Will not burn unless pre heated.

FLASH POINT >200°F (Setaflash)

LOWER EXPLOSIVE LIMITS 0.8 Upper: NA

EXTINGUISHING MEDIA Foam, water fog, dry chemical - carbon dioxide preferred

FIRE & EXPLOSIVE HAZARDS When mixed with strong acids (Organic/inorganic) strong oxidizing agents and bases

SPECIAL FIREFIGHTING PROCEDURES - Use self contained breathing apparatus and impervious turn out gear. Retail expended liquids for later disposal. Water spray may be used to cool fire-exposed tanks

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#### 6. ACCIDENTAL RELEASE MEASURES

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IN THE EVENT OF A SPILL - - Remove all possible sources of ignition or polymerization (see Section 5). Equip personnel with proper protection (see Section 7) Dike the spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. material will float on water. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.

WASTE DISPOSAL METHOD - Remove contaminated materials for disposal at a permitted facility using registered transports. Dilute aqueous waste is biodegradable. Incineration is the preferred method of disposal.

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#### 7. HANDLING, STORAGE AND PERSONAL PROTECTION

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VENTILATION - Use and store only with adequate ventilation or use respiratory protection

RESPIRATORY - If vapors are present, use a NIOSH/MSHA approved positive pressure, supplies air respirator.

EYE PROTECTION - If potential for splashing is present, splash goggles or a full face shield should be worn.

SKIN PROTECTION - DO NOT ALLOW SKIN CONTACT. If potential skin contact is present, impervious protection clothing should be worn. Neoprene coated fabric is recommended for this application.

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8. PHYSICAL AND CHEMICAL PROPERTIES

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VAPOR DENSITY -	Not Available
VAPOR PRESSURE	<0.1 mm Hg at 20°C
SOLUBILITY IN WATER	Partial
APPEARANCE	Clear, pale yellow viscous liquid
ODOR -	Ammonia

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9. STABILITY AND REACTIVITY

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STABILITY	Stable
HAZARDOUS POLYMERIZATION	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS	Fumes, Nitrogen oxides, carbon monoxide, acrid smoke, phenolics, aldehydes
CONDITIONS TO AVOID	High heat, flame and contact with strong oxidizing agents
INCOMPATIBILITY (Materials to Avoid)	Strong acids, bases and oxidizers

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10. TRANSPORTATION AND REGULATORY INFORMATION

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DOT 49CFR172.101-102 CLASSIFICATION In gallons or smaller = Consumer Commodity ORM-D  
In 4, 5 or larger containers see below - Corrosive

DOT SHIPPING NAME Polyamines, Liquid Corrosive, N.O.S. (Contains Polyalkylamines)

TCSA - On 40CFR710 Section 8b Chemical Substances Inventory and Canadian Domestic Substances List

SARA/ TITLE III - Section 311/312 Hazardous Section 313 Listed Chemicals

CERCLA - Not subject to any special reporting requirements WHMIS D2B

This information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determining appropriate use and application of this product. For further information call Phoenix Resins 1-888-627-3769.

Revised 3/21/00

ENVIRONMENTAL DATA SHEET

PROODUCT: RAPID CURE HARDENER

PRODUCT CODE: PART B CURING AGENT

COMPONENTS:

P	CURING AGENT	MIXTURE	100%
1.	MODIFIED AMINE	*	*
2.	ALKYL PHENOL	*	*
3.	ALKYL POLYAMINE	*	*

\*The specific chemical identity and/or proportion of this component is being held as trade secret information in accordance with 29 CFR 1910.1200

SECTION II SARA TITLE III INFORMATION

NO	EHS/RQ (LBS) *1	EHS TPQ (LBS) *2	SEC 313 *3	313 CATEGORY *4	311/312 CATEGORIES *5
P					H-1, H-2

FOOTNOTES

- \*1 = Reportable quantity of extremely hazardous substance, Sec 002
- \*2 = Threshold Planning quantity, Extremely hazardous substance, Sec 302
- \*3 = Toxic Chemical, Sec. 313
- \*4 = Category as required by Sec 313 (40 CFR 372.65 C) Must be used on toxic release inventory form
- \*5 = Hazard category for SARA Sec. 311/312 reporting
- Health H - 1 = Immediate (acute) health hazard                      H-2 = Delayed (chronic) health hazard
- Physical P-3 = Fire Hazard                      P-4 = Sudden release of pressure hazard
- P - 5 = Reactive Hazard

SECTION III ENVIRONMENTAL RELEASE INFORMATION

Keep out of surface waters, sewers and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur.

EPA- Comprehensive environmental response, compensation and liability act. Under EPA-CERCLA ( superfund \_ releases to air, Land or water which exceed the reportable quantity must be reported to the national response center 800-424-8802

Component 3 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.

SECTION IV RCRA INFORMATION

Place in an appropriate disposal facility in compliance with local regulations.