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**MATERIAL SAFETY DATA SHEET**  
**VAP I pH Part B**

**KOESTER AMERICAN CORP.**  
1206 Laskin Road, Suite 201  
Virginia Beach, VA 23451

HMIS: Health – 2 Fire – 1 Radioactivity – 0  
NFPA: Health – 2 Fire – 1 Radioactivity – 0

Date Issued: 03/10/03

For Emergencies Phone: 757-425-1206 or Infotrac 800-535-5053

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**I IDENTIFICATION & PHYSICAL DATA**

**Product Name:** VAP I pH Part B

**Percent Volatile By Weight:** 20%

**Product Class:** Waterborne Epoxy Coating

**Boiling Range:** > NA

**Manufacturer's I.D.:** VAP I pH Part B

**Vapor Density:** Heavier than air

**VOC:** Not Applicable

**Weight Per Gallon:** 9.16 lbs.

**Vapor Pressure at 20°C:** No Data

**Evaporation Rate:** Slower than Butyl Acetate

**Solubility in Water:** Miscible

**Appearance and Odor:** Pale yellow viscous liquid with slight ammoniacal odor

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II HAZARDOUS INGREDIENTS	CAS #	WT. %	OSHA TWA ppm	OSHA STEL ppm	AGIH TWA ppm	ACGIH STEL ppm
Aliphatic polyamine resin	***		---	---	---	---
ACGIH TLV-TWA: N/E						
OSHA PEL: N/E						

--- Not established

\*\*\* The specific chemical identity and/or weight percent is being withheld as a trade secret.

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**III. FIRE & EXPLOSION DATA**

**Flashpoint:** >125 °F TCC

**LEL:** No data

**Extinguishing Media:**

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

**Unusual Fire & Explosion Hazards:**

Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**Special Fire fighting Procedures:**

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

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**IV REACTIVITY DATA**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:**

Excessive heat, freezing temperatures

**Materials to Avoid:**

Contamination with strong acids.

**Hazardous Decomposition Products:**

Fumes produced when heated to decomposition may include: oxides of carbon and oxides of nitrogen.

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To the best of our knowledge, the information contained herein is accurate. However no liability is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. 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 that exist.

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## V HEALTH HAZARD DATA

### Effects of Overexposure:

**Ingestion:** No specific information available.

Contains materials that may be slightly toxic.

**Inhalation:** No specific information available.

Heating can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.

**Skin Absorption:** No specific information available.

Contains materials that may be slightly toxic.

**Skin Contact:** No specific information is available.

Contains materials that may cause moderate skin injury (reddening and swelling). Sensitizer – May cause allergic reaction.

**Eye Contact:** No specific information is available.

Contains materials that may cause eye injury which may persist for several days.

### Chronic Effects of Overexposure:

No Specific Information is available.

### Emergency & First Aid Procedures:

#### Eye Contact:

Flush with plenty of water for at least 15 minutes and seek medical attention.

#### Skin Contact:

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

#### Ingestion:

If appreciable quantities are swallowed, seek medical attention.

#### Inhalation:

In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

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## VI SPILL OR LEAK PROCEDURES

### Steps to Be Taken In CASE Material Is Released or Spilled:

Dike Spill. Absorb with inert material and collect for disposal. Flush are with water. Prevent washings from entering waterways. Spills or releases to the environment may be reportable to the National Response Center (800-424-8802) and to State and/or local agencies.

### Waste Disposal Method:

Incinerate or use biological treatment in accordance with federal, state, and local regulations.

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## VII SPECIAL PROTECTION INFORMATION

### Respiratory Protection:

Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely unless levels are below applicable limits.

### Ventilation:

Local Exhaust – Recommended when appropriate to control employee exposure.

Mechanical - Not recommended as the sole means of controlling employee exposure.

### Protective Gloves:

For operations where contact can occur, wear impervious gloves (Neoprene).

**Eye Protection:** Chemical splash goggles.

### Other Protective Equipment:

For operations where contact can occur, a safety shower and eye wash facility should be available.

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Label:

VAP I pH Part B

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**VIII SPECIAL PRECAUTIONS**

Avoid contamination of skin. Remove and thoroughly launder contaminated clothing before reuse. Discard contaminated shoes. Do not allow to freeze.

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**IX ADDITIONAL R-T-K COMPOSITION INFORMATION**

This information is provided in conjunction with the ingredient information in section II to meet various regulatory composition requirements.

Component	CAS #	Lists
Water	007732-18-5 NL;	

PA1= Pennsylvania Hazardous Substances List PA2= Pennsylvania Special Hazardous Substances List MA1= Massachusetts Hazardous Substances List  
MA2= Massachusetts Extraordinary Hazardous Substances List NJ1= New Jersey Workplace Hazardous Substances List Nj2= New Jersey Special Health Hazards List  
CN= Canadian Ingredient Disclosure List NL=Not Listed, Concentration Based Disclosure

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**X SARA TITLE III INFORMATION**

Supplier notification under SARA Title III Section 313 not required for this product.  
SARA Section 311 and 312 hazard classification(s) for this product are listed below:  
Immediate (acute) health hazard

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**XI RCRA INFORMATION**

Since this product is not sold as a waste, we have not tested it as a waste. Based on our knowledge of the product, its raw materials and processes employed during its manufacture, we believe it is unlikely that this product is a hazardous waste for Federal RCRA purposes. We recommend that you carry out your own tests and evaluations prior to discarding any materials.

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**XII CERCLA INFORMATION**

Under EPA-CERCLA releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center (800-424-8802). This product contains no materials with reportable quantities.

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**XIII CALIFORNIA PROPOSITION 65 INFORMATION**

This product is not subject to California Proposition 65 notification requirements.

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**XIV Transportation Information**

<b>D.O.T. Shipping Name:</b>	Not Applicable	
<b>D.O.T. Hazard Class:</b>	Not Regulated	<b>D.O.T. UN/NA Number:</b> Not Applicable
<b>D.O.T. Label(s):</b>	None	

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**XV Other Information**

This product complies with all TSCA inventory requirements.