

# MATERIAL SAFETY DATA SHEET

## FOR COATINGS, RESINS, AND RELATED MATERIALS

This MSDS sheet meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200)

### SECTION I

**Manufacturers Name:** RBC Industries, Inc. **Date of prep:** 01-06-2003  
**Street Address:** 80 CYPRESS STREET **City, State, Zip:** WARWICK RI 02888  
**Emergency Phone No:** 800-424-9300 (CHEMTREC) **Chemical Family:** Epoxy Curing Agent  
**Information Phone No:** 800-272-7752  
**Manufacturers Code Name:** HEF COLORED AMAZITE - **Chemical Name:** Modified Aliphatic Amine  
 HARDENER

### SECTION II HAZARDOUS INGREDIENTS

Ingredient	% (optional)	CAS Number	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV-TWA mg/m <sup>3</sup>
CYCLOHEXYLAMINE	20-30	2855-13-2	NOT ESTABLISHED	
PHENYL CARBINOL	20-30	100-51-6	NOT ESTABLISHED	
POLYAMIDO AMINE	40-50	68155-17-9	NOT ESTABLISHED	

### SECTION III PHYSICAL DATA

**Boiling Point (DEG F):** > 500 Deg F **Specific Gravity (Water=1):** .95  
**Vapor Pressure (mm Hg):** N/A **Percent Volatile by Volume:** 0.0  
**Vapor Density (Air=1):** N/A **Evaporation Rate Vs Ether:** N/A  
**Solubility in Water:** YES  
**Appearance and Order:** DARK AMBER LIQUID AMONIACAL ODOR

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** >500 Deg F (SETA) **Flammable Limits:** NOT DETERMINED  
**Extinguishing Media:** USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.  
**Special Fire Fighting Procedures:** TREAT AS A CLASS B FIRE. USE WATER TO COOL CONTAINERS.  
**Unusual Fire and Explosion Hazards:** NONE

### SECTION V HEALTH HAZARD DATA

#### Effects of Overexposure:

**Ingestion:** LOW ACUTE TOXICITY

**Eye Contact:** EXTREMELY IRRITANT WITH POSSIBLE EYE INJURY

**Skin Contact:** OVEREXPOSURE COULD CAUSE BURNS AND BLISTERING

**Skin Absorption:** NOT LIKELY TO BE ABSORBED THROUGH SKIN IN TOXIC AMOUNTS.

**Inhalation:** NOT CONSIDERED A PROBLEM UNLESS HEATED TO HIGH TEMPERATURE.

#### Emergency First Aid Procedure:

**Skin Contact:** WASH WITH SOAP AND WATER; WASH CLOTHES BEFORE REUSE.

**Eye Contact:** IRRIGATE WITH WATER FOR FIFTEEN MINUTES; CONSULT PHYSICIAN.

**Inhalation:** REMOVE TO FRESH AIR IF EFFECTS OCCUR; CONSULT PHYSICIAN.

**Ingestion:** DO NOT INDUCE VOMITING. GIVE ONE GLASS OF WATER UNLESS VICTIM IS DROWSY, CONVULSING, OR UNCONCIOUS. SEEK MEDICAL ATTENTION IMMEDIATELY.

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## SECTION VI REACTIVITY DATA

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**Stability:** STABLE

**Incompatibility (Materials to Avoid):** KEEP AWAY FROM OPEN FLAME. PRIOR TO CURE, AVOID CONTACT WITH OXIDIZING AGENTS.

**Hazardous Decomposition Products:**

DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE

**Hazardous Polymerization:** WILL NOT OCCUR

**Conditions to Avoid:** LARGE VOLUME EPOXY/HARDENER MIXTURES

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## SECTION VII SPILL OR LEAK PROCEDURE

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**Steps to be taken if Release or Spilled:** ABSORB WITH INERT MATERIAL (SAND, VERMICULITE, ETC.), SWEEP OR SCOOP UP AND PUT IN DISPOSAL CONTAINER. FLUSH AREA IMMEDIATELY WITH PLENTY OF WATER; PREVENT WASHINGS FROM ENTERING WATERWAYS.

**Waste Disposal Method:** INCINERATE IN FURNACE OR BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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## SECTION VIII SPECIAL PROTECTION INFORMATION

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**Respiratory Protection:** NIOSH APPROVED ORGANIC VAPOR RESPIRATORS ARE ONLY REQUIRED WHEN VENTILATION IS INADEQUATE. NIOSH APPROVED AIR-LINE RESPIRATORS WITH AUXILIARY ESCAPE AIR TANKS OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED IN CONFINED SPACES.

**Ventilation:** LOCAL MECHANICAL EXHAUST.

**Protective Gloves:** IMPERVIOUS GLOVES.

**Eye Protection:** SAFETY GLASSES WITH SIDE SHIELDS.

**Other Protective Equipment:** SAFETY SHOWER AND EYE BATH SHOULD BE PROVIDED. USE COVERALLS OR APRON TO PROTECT AGAINST SKIN AND CLOTHING CONTAMINATION.

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## SECTION IX SPECIAL PRECAUTIONS

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**Precautions to be Taken in Storage and Handling:** PRACTICE REASONABLE CARE AND CLEANLINESS.

**Other Precautions:** AVOID GROSS CONTAMINATION OF SKIN. WASH SKIN WITH PLENTY OF SOAP AND WATER. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS.

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N/A INDICATE THAT THIS SPECIFICATION DOES NOT APPLY TO THIS PRODUCT