

# 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:** September 23, 2013  
**Street Address:** 80 CYPRESS STREET **City, State, Zip:** WARWICK RI 02888  
**Emergency Phone No:** 800-424-9300 (CHEMTREC) **Chemical Family:** EPOXY RESIN  
**Information Phone No:** 401-941-3000  
**Manufacturers Code Name:** RBC-4503 **Chemical Name:** DIGLYCIDYLETHER OF BISPHENOL-A

### SECTION II HAZARDOUS INGREDIENTS

Ingredient	% (optional)	CAS Number	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV-TWA mg/m <sup>3</sup>
DEGBA EPOXY RESIN	30-40	25085-99-8	NOT ESTABLISHED	
POLYGLYCOL EPOXY	5-15	26142-30-3	NOT ESTABLISHED	
ALUMINUM TRIHYDROXIDE	50-60	14762-49-3	NOT ESTABLISHED	

### SECTION III PHYSICAL DATA

**Boiling Point (DEG F):** N/A **Specific Gravity (Water=1):** 1.6  
**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:** NO  
**Appearance and Order:** BLACK LIQUID; SWEET CHARACTERISTIC ODOR

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 485 Deg F (PMCC) **Flammable Limits:** NOT DETERMINED  
**Extinguishing Media:** USE SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.  
**Special Fire Fighting Procedures:** TREAT AS A CLASS B FIRE.  
**Unusual Fire and Explosion Hazards:** NONE

### SECTION V HEALTH HAZARD DATA

#### Effects of Overexposure:

**INGESTION:** LOW ACUTE ORAL TOXICITY; LD50 (RAT) GREATER THAN 2000 MG/KG

**EYE CONTACT:** MINOR TRANSIENT IRRITATION. NO CORNEAL INJURY LIKELY.

**SKIN CONTACT:** ONLY MINOR IRRITATION. MAY BE A SKIN SENSITIZER.

**SKIN ABSORPTION:** NOT LIKELY TO BE A 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 FIVE MINUTES; CONSULT PHYSICIAN.

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

**INGESTION:** INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

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## SECTION VI REACTIVITY DATA

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**Stability:** STABLE

**Incompatibility (Materials to Avoid):**

STRONG ACIDS, AMINES, MERCAPTONS, BASES (IN UNCONTROLLED AMOUNTS)

**Hazardous Decomposition Products:**

THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

**Hazardous Polymerization:** WILL NOT OCCUR.

**Conditions to Avoid:** STRONG ACIDS, AMINES, MERCAPTONS, BASES (IN UNCONTROLLABLE AMOUNTS)

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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 ARE 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 USE DIN 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