

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-4501 **Chemical Name:** DIGLYCIDYLETHER OF BISPHENOL-A

SECTION II HAZARDOUS INGREDIENTS

Ingredient	% (optional)	CAS Number	OSHA PEL mg/m ³	ACGIH TLV-TWA mg/m ³
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.

SECTION VI REACTIVITY DATA

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)

SECTION VII SPILL OR LEAK PROCEDURE

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.

SECTION VIII SPECIAL PROTECTION INFORMATION

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.

SECTION IX SPECIAL PRECAUTIONS

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.

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