# SAFETY DATA SHEET

## *1. CHEMICAL PRODUCT AND COMPANY INDENTIFICATION*:

| | | | |
|---|---|---|---|
| **Manufacturers Name:** | **RBC Industries, Inc.** | **Date of prep:** | April 10, 2023 |
| **Street Address:** | ONE WEINGEROFF BLVD. | **City, State, Zip:** | CRANSTON RI 02910 |
| **Emergency Phone No:** | 800-424-9300 (CHEMTREC) | **Chemical Family:** | EPOXY RESIN |
| **Information Phone No:** | 401-941-3000 | | |
| **Manufacturers Code Name:** | HEF UVWATER CLEAR RESIN | **Chemical Name:** | DIGLYCIDYLETHER OF BISPHENOL-A BLEND |

## *2. HAZARD IDENTIFICATION*

**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 ABSORBED THROUGH SKIN IN TOXIC AMOUNTS.
**INHALATION**: NOT CONSIDERED A PROBLEM UNLESS HEATED TO HIGH TEMPERATURE.

**Hazard Rating System:**

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health** | **Fire** | **Reactivity** | |
| | 2 | 1 | 0 | |
| **HMIS** | **Health** | **Fire** | **Reactivity** | **Personal** |
| | 2 | 1 | 0 | |

## *3. COMPOSITION AND INFORMATION ON INGREDIENTS*

| Ingredient | % (optional) | CAS Number | OSHA PEL mg/m$^3$ | ACGIH TLV-TWA mg/m$^3$ |
|---|---|---|---|---|
| EPOXY RESIN | 90-99 | 025085-99-8 | NOT ESTABLISHED | NOT ESTABLISHED |
| PHENYL CARBINOL | <10 | 100-51-6 | NOT ESTABLISHED | NOT ESTABLISHED |

## *4. FIRST AID MEASURES*

**Other Instructions:**
**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.

## *5. FIRE-FIGHTING MEASURES*

**Flash Point (Method Used):** 485 ° F (PMCC) **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

**Unusual Fire and Explosion Hazards:** None

## *6. ACCIDENTAL RELEASE MEASURES (Transportation Spills: CHEMTREC (800)424-9300)*

**Procedures in Case of Accidental Release, Breakage or Leakage:**
VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE RESPIRATORY PROTECTION.
CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. PREVENT ENTRY INTO SEWERS AND WATERWAYS. AVOID
CONTACT WITH SKIN, EYES OR CLOTHING.

## *7. HANDLING AND STORAGE*

**Handling:**
MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. EYE WAS AND SAFETY SHOWER SHOULD BE AVAILABLE NEARBY WHEN THIS PRODUCT IS HANDLED OR USED.
**Storage:**
MINIMIZE EXPOSURE TO PERIODS OF HIGH TEMPERATURES. AVOID CONTAMINATION OF WATER.

## *8. EXPOSURE CONTROLS/PERSONAL PROTECTION*

**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.

## *9. PHYSICAL AND CHEMICAL PROPERTIES*

| | | | |
|---|---|---|---|
| **Boiling Point (DEG F):** | N/A | **Specific Gravity (Water=1):** | 1.14 |
| **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:** | CLEAR LIQUID, SWEET CHARACTERISTIC ODOR | | |

## *10. STABILITY AND REACTIVITY*

**Stability:**STABLE
**Incompatibility (Materials to Avoid):**
STRONG ACIDS, AMINES, MERCAPTONS, BASES (IN UNCONTROLLED AMOUNTS)
**Hazardous Decomposition Products:**
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)

## *11. TOXICOLOGICAL INFORMATION*

**TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)**
**ORAL:**NOT DETERMINED.
**DERMAL:**NOT DETERMINED.
**INHALATION:**NOT DETERMINED.
**IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)**
**EYES**: NOT DETERMINED
**SKIN**: NOT DETERMINED
**SENSITIZATION**: NOT DETERMINED
**OTHER:**

## *12. ECOLOGICAL INFORMATION*

**MOBILITY:** NOT DETERMINED
**PERSISTENCE AND BIODEGRADABILITY:** NONE
**POTENTIAL TO BIOACCUMULATE:** NOT DETERMINED.
**AQUATIC TOXICITY:** NOT DETERMINED.

## *13. DISPOSAL CONSIDERATIONS:*

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

## *14. TRANSPORT INFORMATION*

**MATERIAL NOT REGULATED UNDER 49CFR, IATA, AND IMDG**

## *15. REGULATORY INFORMATION*

**Federal Regulations:**
**SARA Title III:**
**Section 302/304 Extremely Hazardous Substances**

| Chemical Name | CAS Number | Range in % | TPQ | RQ |
|---|---|---|---|---|
| NONE. | | | | |

**Section 311 Hazardous Categorization:**

| Acute | Chronic | Fire | Pressure | Reactive | N/A |
|---|---|---|---|---|---|
| X | | | | | |

**Section 313 Toxic Chemical**

| Chemical Name | CAS Number |
|---|---|
| NONE. | |

**CERCLA 102(a)/DOT Hazardous Substances:**
NONE.

**TSCA Inventory Status:**
THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE
INVENTORY.

**States Right-to-Know Regulations:**
**INTERNATIONAL REGULATIONS:**
**WHMIS Classification:**
NONE.
**Canadian Inventory Status:**
NONE.
**Acute** X **Chronic**
**Fire**
**Pressure**
**Reactive**
**N/A**
NONE.

**California Prop. 65:**
THE FOLLOWING DETECTABLE COMPONENTS OF THIS PRODUCT ARE SUBSTANCES, OR BELONG TO CLASSES OF SUBSTANCES, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY.

| Chemical Name | CAS Number |
|---|---|
| NONE | |

**CANADIAN INVENTORY STATUS:** THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE CANADIAN DOMESTIC SUBSTANCE LIST (DSL).
**EINECS INVENTORY STATUS:**
THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS) OR
THE EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES (ELINCS).

**AUSTRALIAN INVENTORY STATUS:**
**JAPAN INVENTORY STATUS:**
THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE JAPAN MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY (MITI) INVENTORY.
THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS).

## *16. OTHER INFORMATION*

***THE INFORMATION IN THIS DATA SHEET IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT. IT IS PROVIDED FOR THE PURPOSE OF HAZARD COMMUNICATION AS PART OF RBC'S PRODUCT SAFETY PROGRAM. IT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF THE PRODUCT BY A PROPERLY TRAINED PERSON. YOU ARE ENCOURAGED AND REQUESTED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN. THE DATA RELATES ONLY TO THE SPECIFIC PRODUCT DESIGNATED, AND DOES NOT RELATE TO USE OF THE PRODUCT IN COMBINATION WITH ANY OTHER MATERIAL OR USE OF THE PRODUCT IN ANY PROCESS. THE DATA IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILITY FOR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT, ITS COMPOSITION, ITS SAFETY OR THE INFORMATION CONTAINED IN THIS DATA SHEET. TO DETERMINE THE APPLICABILITY OR THE EFFECTS OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, THE USER SHOULD CONSULT A LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. RBC DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS. CURRENT DATA SHEETS ARE AVAILABLE FOR ALL RBC PRODUCTS. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL RBC PRODUCTS YOU BUY, USE OR DISTRIBUTE BY CALLING (800) 272-7752 OR DIRECTING YOUR INQUIRIES TO: SUPPORT@RBCEPOXY.COM***