

# RAINBOW TECHNOLOGY CORPORATION

## MATERIAL SAFETY DATA SHEET

Effective Date      March 20, 2012

### Section 1 – Manufacturer Information

**Manufacturer/Distributor:**      Rainbow Technology Corporation 800.637.6047

**Contact Person:**                      Larry Joe Steeley, Jr.

**Emergency Phone # (24 HRS):**      Chem-Tel Inc. 800.255.3924

**Trade Name:**                              WELD-IT PART A Epoxy Resin

**Product Number:**                      79496

**Issue Date:**                                3.20.12

**Replaces MSDS Dated:**              12.21.11

### Section 2 – Composition / Information on Ingredients

Component Name	CAS Number	% by Weight
Bisphenol A Epoxy Resin	25068-38-6	50 to 80
Reinforcing Filler	Proprietary	20 to 40
Black Pigment	Proprietary	<1
Fumed Silica	112945-52-5	1 to 5

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Component Name	Exposure Limits		
	ACGIH TLV	OSHA PEL	Other Recommended Limits
Bisphenol A Epoxy Resin	N.E.	N.E.	N.E.
Reinforcing Filler	N.E.	N.E.	N.E.
Black Pigment	N.E.	N.E.	N.E.
Fumed Silica	10mg/m <sup>3</sup>	6mg/m <sup>3</sup>	3mg/m <sup>3</sup>

### Section 3 – Hazard Identification

**Emergency Overview:**      Skin and eye irritant.

**Potential Health Effects:**

**Eyes:** Moderate eye irritant

**Skin:** Direct contact may cause moderate skin irritation. Prolonged or repeated contact may cause allergic skin reaction.

**Ingestion:** Not likely to occur.

**Inhalation:**      Moderate respiratory tract irritation.

**Conditions Aggravated By Exposure:**      Dermatitis

**Chronic Effects/Carcinogenicity:**      Detailed information provided in Section 11.

### Section 4 – First Aid Measures

**Health Hazards (Acute and Chronic):** Liquid contact with eyes or skin may cause irritation.

**Emergency and First Aid Procedures:**

**Inhalation:**      Remove to fresh air if irritation occurs.

**Eye Contact:**      Flush with water for 15 minutes with lids open. If irritation occurs, get medical attention.

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**Skin** Wash thoroughly with soap and water. Do not use organic solvent to clean the skin.**Contact:****Section 5 – Fire Fighting Measures****Flammable Properties:****Flash Point:** >200 ° F**Method:** PMCC**Flammable Limits:****Lower Flammability Limit:** N.E.**Upper Flammability Limit:** N.E.**Autoignition Temperature:** N.A.**Hazardous Combustion Products:** Irritating organic vapors.**Extinguishing Media:** Foam, Carbon Dioxide or Dry Chemical.**Fire Fighting Instructions:** Not Available.**Section 6 – Accidental Release Measures****Spill:** Dike area to prevent spreading.**Section 7 – Handling and Storage****Handling:** Avoid prolonged skin contact, keep away from eyes.**Storage:** Avoid storage over 100 ° F.**Section 8 – Exposure Controls/Personal Protection****Engineering Controls:** Not Available.**Respiratory Protection:** Information not available.**Protective Gloves:** Wear latex gloves.**Eye Protection:** Wear safety glasses with side shields.**Other Protective Clothing or Equipment:** Wear overalls or protection clothing.**Work/Hygienic Practices:** Wash thoroughly before eating or smoking.**Section 9 – Physical and Chemical Properties****Appearance:** Black Paste**Specific Gravity:** 1.48**Odor:** Mild Odor**Boiling Point:** N/A**Vapor Pressure:** No Data**Freezing Point:** N/A**Vapor Density:** No Data**Solubility(H<sub>2</sub>O):** Slight**Section 10 – Stability and Reactivity****Stability:** Stable**Conditions to avoid:** Heat

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**Incompatibility:** Amines**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, aldehydes, aromatic hydrocarbons.**Hazardous Polymerization:** None Known**Section 11 – Toxicological Information**

Ingredients	Carcinogen		
	NTP	IARC	OSHA
Bisphenol A Resin	No	NA	No
Reinforcing Resin	No	No	No
Black Pigment	No	No	No
Fumed Silica, Treated	No	No	No

Ingredients	Target Organ and Other Health Effects
Bisphenol A Resin	Irritant
Reinforcing Resin	Dust Nuisance
Black Pigment	No Data
Fumed Silica, Treated	Dust Nuisance

**Section 12 – Ecological Information**

None Available

**Section 13 – Disposal Information****Disposal Information** Incinerate according to EPA and local government regulation. Not a RCRA Hazardous Waste Material.**Section 14 – Transportation Information****DOT (49 CFR 172)**

**Proper Shipping Name:** Not Regulated  
**Identification Number:** None  
**Hazard Class:** None  
**Packing Group:** None

**INTERNATIONAL AIR TRANSPORTATION (IATA)**

**Proper Shipping Name:** Not Regulated  
**Identification Number:** None  
**Class/Division:** Not Regulated

**Section 15 – Regulatory Information** (Not meant to be all inclusive - selected regulations represented)**TSCA Listed:** All components are listed on Toxic Substance Control Act Inventory.**CERCLA:** (Comprehensive Emergency Response, Compensation and Liability Act): NA**SARA Title III: (Superfund Amendments and Reauthorization Act):** 313 Reportable Ingredients: None**Canadian Inventory Status:** Listed**California Proposition 65:** No Prop 65 hazard warning is needed.

**Section 16 – Other Information****HMIS – Hazardous Materials Identification System**

HMIS Rating	
Health	2
Fire	1
Reactivity	1
Personal Protection	B

**0 - minimal hazard, 1 - slight hazard, 2 - moderate hazard, 3 - serious hazard, 4 - severe hazard**

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.