

# MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name:	<b>BC 5114</b> Epoxy Laminating Resin	<b>BCC PRODUCTS, INC.</b>	<b>HMIS</b>
Product Class:	Epoxy Resin Mixture	2140 Earlywood Drive	<b>H - 1</b>
Issue Date:	10/02/06	P.O. Box 327	<b>F - 1</b>
Approved By:	Thomas E. Evans	Franklin, IN 46131	<b>R - 0</b>
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**24 HOUR EMERGENCY NO. 1-800-424-9300 CHEMTREC**

## SECTION 1 - HAZARDOUS INGREDIENTS

Chemical Name	Wt. % (optional)	OSHA (PEL)	ACGIH (TLV)	CAS NO.
Butanediol Diglycidyl Ether		<i>N.E.</i>	<i>N.E.</i>	2425-79-8
Diglycidyl Ether of Bisphenol A		<i>N.E.</i>	<i>N.E.</i>	25085-99-8
Epoxidized Novolac Resin		<i>N.E.</i>	<i>N.E.</i>	28064-14-4

## SECTION 2 - PHYSICAL DATA

Boiling Point:	>300 °F	Specific Gravity (H2O=1):	1.37
Vapor Pressure (mm Hg):	<0.1	Vapor Density (Air = 1):	<i>N.E.</i>
Solubility in Water:	Negligible	Reactivity in Water:	Negligible
Appearance and odor:	Gray Liquid		

## SECTION 3 - FIRE AND EXPLOSION HAZARD

Flash Point:	230 °F	Flammable Limit:	LEL: <i>N.D.A.</i>
Method Used:	PMCC	(In Air % by volume)	UEL: <i>N.D.A.</i>
Auto Ignition Temperature:	<i>N.A.</i>		
Extinguishing Media:	Carbon Dioxide, dry chemical, chemical foam, water spray.		
Fire & Explosion Hazards:	Decomposition and combustion products may be toxic.		
Fire Fighting Procedures:	Fire fighters must wear self-contained breathing apparatus to protect against toxic and irritating vapors. Full protective clothing should also be worn.		

## SECTION 4 - REACTIVITY DATA

Stability ( <b>Conditions to avoid</b> ):	Stable.
Incompatibility:	Oxidizing agents, mineral acids and strong bases.
Hazardous Decomposition Products:	Carbon monoxide from incomplete burning.
Hazardous Polymerization ( <b>Materials to avoid</b> ):	Will not occur by itself.

***N.E.* - Not Established    *N.D.A.* - No Data Available    *N.A.* - Not Applicable**

**SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION**

- Spill: Remove spillage by absorbing in sand, vermiculite, sawdust, or absorbent sweeping compound. For small spills, rubbing alcohol may be used. Dike to prevent entry into water system.
- Disposal: Use approved incineration in accordance with federal, state and local environmental regulations. Material must be disposed of in approved land fill.

**SECTION 6 - FIRST AID AND HEALTH INFORMATION**

Routes of Entry                      FIRST AID

- Inhalation: Remove victim to fresh air.
- Eyes: Flush with water for 15 minutes. Seek medical attention.
- Skin: Remove contaminated clothes and wash affected areas with soap and water. Seek medical attention.
- Ingestion: Dilute with large volume of water and induce vomiting. Seek medical attention.

**EFFECTS OF OVEREXPOSURE**

- Acute:                      *Eyes:* May cause reddening, irritation.  
                                 *Skin:* Dermatitis, possible sensitization.  
                                 *Respiratory:* Excessive inhalation may cause nasal and respiratory irritation.  
                                 *Ingestion:* May cause gastrointestinal irritation.

Chronic: Skin sensitization.

Existing Health Conditions: None known.

Carcinogen: NTP (National Toxicology Program): No                      IARC (Monographs): No.                      OSHA: No.

**SECTION 7 - SPECIAL HANDLING & STORAGE PRECAUTIONS**

Should be stored in a cool, dry area. Store in sealed original containers. Avoid excessive temperatures.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

- Respiratory Protection: Use NIOSH approved respirator.
- Ventilation: Down draft type recommend.
- Protection: Fitted chemical goggles, or safety glasses.
- Personal Protection: Rubber gloves, boots and rubber apron to avoid skin contact. Contaminated clothing or equipment should be cleaned or disposed of, after use.
- Hygienic Practices: Educate and train employees on safe use of product. Shower and eye wash station should be available.

TSCA: This product or its components are listed in or exempt from the TSCA inventory requirements. This product contains the following substances subject to export notification under Section 12 (b) of TSCA: None

The Information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.