

# MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name:	<b>BC 8782 Part A</b>	<b>BCC PRODUCTS, INC.</b>	<b>HMIS</b>
Product Class:	Polyurethane Resin	2140 Earlywood Drive	<b>H - 2</b>
Chemical Type:	Polyglycol.isocyanate terminated/aliphatic diisocyanate mixture	P.O. Box 327	<b>F - 1</b>
Date Issued:	10/20/07	Franklin, IN 46131	<b>R - 1</b>
Approved by:	Robert R. Holmes	317-736-4090	<b>PPE*</b>
			<b>* Sec. 8</b>

**24 HOUR EMERGENCY NO. 1-800-424-9300 CHEMTREC**

## SECTION 1 - INGREDIENTS

Chemical Name	Wt. % (optional)	OSHA (PEL)	ACGIH (TLV)	CAS NO.
Dicyclo-hexylmethane 4,4' Diisocyanate		<i>N.E.</i>	0.005 ppm (TWA)	5124-30-1

## SECTION 2 - PHYSICAL DATA

Boiling Point:	>300° F, Decomposes	Specific Gravity (H <sub>2</sub> O=1):	1.06
Vapor Pressure (mm Hg):	0.001 mm Hg at 75° F	Vapor Density (Air = 1):	<i>N.E.</i>
Solubility in Water:	Insoluble	Reactivity in Water:	Slow
Appearance and odor:	Clear liquid, negligible odor.	% Volatile:	< 1
V.O.C.:	1.5 gms/liter	Viscosity (cps):	600 ±50

## SECTION 3 - FIRE AND EXPLOSION HAZARD

Flash Point:	>392° F PMCC	Flammable Limit:	LEL: <i>N.A.</i>
Auto Ignition Temperature:	<i>N.A.</i>	(In Air % by volume)	UEL: <i>N.A.</i>
Extinguishing Media:	Water, CO <sub>2</sub> , or dry chemical.		
Fire & Explosion Hazards:	Avoid contact with strong oxidizers, strong acids, as sudden reaction may result in fire and toxic fumes.		
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:	Stable
Incompatibility (Materials to avoid):	Moisture, amines, acids. Store under inert atmosphere.
Conditions to Avoid:	Moisture contamination, keep containers tightly closed.
Hazardous Decomposition Products:	Toxic gases may be generated during combustion or high heat.
Hazardous Polymerization:	Will not occur.

## SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION

Spill: Adequate ventilation. Neutralize with solution 1-5% ammonia, 10% isopropyl alcohol and the rest water. Remove spillage by absorbing in sand and dispose of in unsealed drums. Wash with strong detergent and water.

Disposal: Landfill burial where approved in accordance with federal, state and local environmental regulations.

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

## SECTION 6 - HEALTH AND FIRST AID INFORMATION

Routes of Entry	FIRST AID
Inhalation:	Not likely. Remove victim to uncontaminated area. Administer oxygen if necessary.
Eyes:	Flush with water for 15 minutes. Call a physician.
Skin:	Remove contaminated clothes and wash affected areas with soap and water. Launder contaminated clothing before use.
Ingestion:	Seek medical assistance immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

### EFFECTS OF OVER EXPOSURE

Acute:	<i>Eyes:</i> May cause irritation and redness. <i>Skin:</i> Redness, swelling, may cause sensitization. <i>Inhalation:</i> Excessive vapors may cause respiratory irritation.
Chronic:	Skin sensitization may develop from skin contact or inhalation. Rash may develop.

### Existing Health

Conditions:	Individuals who are sensitized to isocyanates and those with pre-existing lung diseases or conditions, including asthma, pulmonary sensitization, recurrent eczema must avoid all exposure to isocyanates.
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Carcinogen: NTP (National Toxicology Program): No IARC (Monographs): No OSHA: No

## SECTION 7 - SPECIAL HANDLING & STORAGE PRECAUTIONS

Storage temperature (min./max.):	Not Applicable.
Shelf Life:	Six months under mfg. recommended storage conditions.
Storage:	Store indoors and preferably in a dry place. Keep containers tightly closed.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	If the TLV is exceeded, wear a NIOSH approved AIR supplied respirator.
Ventilation:	Use local exhaust to maintain concentration below the TLV.
Eye Protection:	Fitted chemical goggles, face shield 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.

## SECTION 9 - REGULATORY INFORMATION

EPA Regulations

SARA TITLE III

Sections 311/312 Codes: N/A

Section 313 (40 CFR 372.65): Dicyclohexylmethane-4,4' diisocyanate (CAS# 5124-30-1) 70%

TSCA: All components of this product are registered under the regulations of the Toxic Substance control Act.

The information herein is, to the best knowledge and belief of BCC PRODUCTS, INC., 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.