

# MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name: **BC 8086 Urethane Casting, Part B**  
Product Class: Polyol Mixture  
Issue Date: 07/25/08  
Approved By: Robert R. Holmes

**BCC PRODUCTS, INC.**  
2140 Earlywood Drive  
P.O. Box 327  
Franklin, IN 46131  
317-736-4090

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

## SECTION 1 - HAZARDOUS INGREDIENTS

Chemical Name	Wt. % (optional)	OSHA (PEL)	ACGIH (TLV)	CAS NO.
Nitrogen Based Polyether		<i>N.E.</i>	<i>N.E.</i>	102-60-3
Hydrocarbon Naphtha		100 ppm	100 ppm	64742-47-8

## SECTION 2 - PHYSICAL DATA

Boiling Point:	> 300 ° F	Specific Gravity (H <sub>2</sub> O=1):	0.99
Vapor Pressure (mm Hg):	<i>N.E.</i>	Vapor Density (Air = 1):	<i>N.E.</i>
Solubility in Water:	Slight	Reactivity in Water:	None
Appearance and odor:	Clear liquid, slight odor.		

## SECTION 3 - FIRE AND EXPLOSION HAZARD

Flash Point:	152 ° F	Flammable Limit:	LEL: <i>N.A.</i>
Method Used:	T.O.C.	(In Air % by volume)	UEL: <i>N.A.</i>
Auto Ignition Temperature:	<i>N.A.</i>		
Extinguishing Media:	Carbon Dioxide, dry chemical, chemical foam, water spray.		
Fire & Explosion Hazards:	None Known.		
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.
Conditions to Avoid:	Temperatures above 120 ° F or below 32 ° F.
Incompatibility (Materials to avoid):	Moisture and isocyanates.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

*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 landfill.

## SECTION 6 - HEALTH AND FIRST AID INFORMATION

- Routes of Entry FIRST AID
- Inhalation: Remove victim to uncontaminated area, administer oxygen if necessary. Seek medical attention.
- 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 water. INDUCE vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Seek medical attention.

### EFFECTS OF OVER EXPOSURE

- Acute: Eye contact may result in irritation. Inhalation of vapors may result in respiratory irritation. Ingestion of the liquid may result in gastric disturbances.
- Chronic: There are no known chronic effects associated with this material.

Existing Health  
Conditions: *N.D.A.*

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

## SECTION 7 - SPECIAL HANDLING & STORAGE PRECAUTIONS

Should be stored in a ventilated storage area between 70-80 ° F. Avoid excessive temperatures. Storage must be in tightly sealed containers to protect from moisture.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

- Respiratory Protection: If the PEL is exceeded, wear a NIOSH approved organic mist respirator.
- Ventilation: Use local exhaust to maintain concentration below the PEL.
- 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.