

MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name: **BC8890 Urethane Elastomer, Surface Coat, Part A**

| | | |
|-------------------------------------|---------------------------|--|
| Product Class: Polyurethane Mixture | BCC PRODUCTS, INC. | NFPA RATING FIRE - 1 HEALTH - 3 REACTIVITY-1 SPECIFIC - - |
| Issue Date: 11/26/03 | 2140 Earlywood Drive | |
| Approved By: Kenneth E. Poucher | 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 (TWA) | ACGIH (TWA) | CAS NO. |
|---------------------------------------|---------------------|-------------|-------------|------------|
| Methylene bis(4-cyclohexylisocyanate) | | 0.01ppm | 0.005ppm | 5124-30-1 |
| Hexamethylene Diisocyanate | | <i>N.E.</i> | .005 ppm | 822-06-0 |
| HDI Homopolymer | | <i>N.E.</i> | <i>N.E.</i> | 28182-81-2 |

SECTION 2 - PHYSICAL DATA

| | | | |
|-------------------------|-----------------------------------|---------------------------|-------------|
| Boiling Point: | 340° C | Specific Gravity (H20=1): | 1.1 |
| Vapor Pressure (mm Hg): | 1 | Vapor Density (Air = 1): | <i>N.E.</i> |
| Solubility in Water: | Insoluble | Reactivity in Water: | Slow |
| Appearance and odor: | Clear viscous liquid, faint odor. | | |

SECTION 3 - FIRE AND EXPLOSION HAZARD

| | | | |
|----------------------------|--|----------------------|------------------|
| Flash Point: | 350° F | Flammable Limit: | LEL: <i>N.A.</i> |
| Method Used: | C.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): | Water, strong bases, alcohols, metal compounds or surface active materials. |
| Hazardous Decomposition Products: | Carbon monoxide, traces of hydrogen cyanide and hydrochloric acid. |
| Hazardous Polymerization: | May occur. |
| Conditions/Hazards to Avoid: | Contact with water, polyols or alcohols. |

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

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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: DO NOT induce vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Seek medical attention.

EFFECTS OF OVER EXPOSURE

- Acute: *Eyes:* May cause irritation and redness. *Skin:* May cause irritation.
Inhalation: Excessive vapors may cause respiratory problems.
- Chronic:

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.

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 AIR supplied 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.

SECTION 9 - REGULATORY INFORMATION

EPA Regulations:

SARA TITLE III

Section 311/312 codes: N/A

Section 313 Code: 1,6 Hexamethylene diisocyanate, CAS# 822-06-0, 10%; Dibutyl phthalate, CAS# 84-74-2, 5%.

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