



Material Safety Datasheet

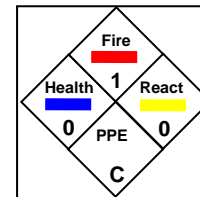
BC8321 Softener Part C

Urethane Elastomer System

MSDS Version: 021014

I. Basic Information

Manufacturer: BCC Products
 Address: 2140 Earlywood Drive
 Franklin, Indiana 46131
 Emergency Phone: (317) 736-4090
 Transportation Emergency Phone Number: Chem-trec 1-800-424-9300
 Chemical State: Liquid
 Chemical Type: Mixture



II. Ingredients

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA	OSHA	ACGIH	Other
6846-50-0	2,2,4-Trimethyl-1,3-pentenediol diisobutyrate	90-95					313	PEL	TLV	Limits
proprietary	Non-Hazardous Catalyst blend	1-10								

NE = None Established

III. Hazardous Identification

Hazard Category

Acute
 Chronic
 Fire
 Pressure
 Reactive

Hazardous Identification Information

- **Warning!**
- **Light Yellow Low Viscosity Liquid**
- **Contact may cause skin, eye and respiratory tract irritation.**
- **Avoid moisture contamination to protect product quality.**



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IV. First Aid Measures

Route(s) of entry:

Inhalation, ingestion, skin and eye contact.

Health Hazards (Acute and Chronic):

Acute (short term)

May cause skin and eye irritation. Inhalation of vapors may cause respiratory tract irritation.

Chronic (Delayed):

Repeated skin and eye contact may produce sensitivity (rash, itching). Repeated inhalation of vapors may cause immediate or delayed respiratory sensitization leading to asthma-like condition and difficulty in breathing.

Signs and Symptoms:

Contact may cause skin, eye and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure:

None Known.

Emergency and First Aid Procedures:

SKIN CONTACT: Remove contaminated clothing and wash affected area with isopropyl alcohol followed by soap and water. Get medical attention if irritation or other symptoms develop.

EYE CONTACT: Rinse thoroughly with water for at least 15 minutes, holding eyelid open to be sure the material is washed out. Get medical attention if irritation persists.

INGESTION: DO NOT INDUCE VOMITING. Drink 1-2 glasses of water and contact a physician. Do not give anything by mouth to an unconscious person.

INHALATION: Remove person to fresh air. If person is not breathing, give mouth-to-mouth resuscitation and contact a physician.

OTHER HEALTH WARNINGS: NONE.

V. Fire Fighting Measures

Flash Point: > 270°F

Lower Explosive Limit: NE

Upper Explosive Limit: NE

Fire Extinguishing Media: Foam, Water Fog, Carbon Dioxide or Dry Chemical Extinguishers

Unusual Fire and Explosion Hazards: This product is combustible but will not burn readily. This material can burn if strongly heated.

Special Fire Fighting Procedures: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Do not breathe combustion products. Do not release water from firefighting to sewers or waterways.

Hazardous Combustion Products: Oxides of carbon and various hydrocarbons.



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VI. Accidental Release Measures

Steps to be taken in case material is released or spilled:

Wear Protective equipment as described in Section 8. Eliminate all ignition sources. Ventilate spill area. Stop leak if you can without risk. Cover liquid with an inert absorbent material (saw dust, vermiculite). After the material is absorbed scoop up and place in containers for disposal. Report the release as required by local, state and federal authorities.

VII. Handling and Storage

Precautions to be taken:

Store in a cool, dry place in tightly sealed containers. Protect from heat and moisture contamination.

Other Precautions:

Avoid contact with skin, eyes and clothing. Any potential hazard can be minimized by using the recommended protective equipment. Follow all MSDS precautions in handling empty containers.

VIII. Exposure Controls / Personal Protection

Chemical Name	Exposure Limits
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	None Established
Non-Hazardous Catalyst Blend	Not available

Ventilation: Use local exhaust ventilation as needed to minimize exposure levels and maintain exposure levels below the occupational exposure limits.

Respiratory Protection: In operations where exposure limits are exceeded or exposure levels are unknown, a NIOSH or other authority approved supplied air respirator appropriate for the form and concentration of the contaminants should be used. Air-purifying respirators may be used under some conditions with a cartridge change schedule that is based on the expected airborne exposure levels. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 or other applicable regulations and good industrial hygiene practice.

Skin Protection: Wear impervious gloves such as butyl rubber, teflon or viton to avoid skin contact.

Eye Protection: Chemical safety goggles recommended.

Other Protective Equipment: Impervious apron, boots and other clothing are recommended if needed to avoid contact or if splashing is possible.



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IX. Physical and Chemical Properties

Boiling Point: >400°F **Melting Point:** NE **Evaporation Rate:** NE
Vapor Pressure (mm Hg): NE **Vapor Density (Air = 1):** NE

Solubility in water: Not Soluble in Water
Appearance and odor: Solid or viscous liquid.
Other Information: Volatility at 75°F = very low
Percent Volatile by Volume (%) = negligible
Specific Gravity = 0.98

X. Stability and Reactivity

Stability: *Stable*
Incompatibility (materials to avoid): Water, strong bases, oxidizers, alcohols, amines.
Decomposition By-Products: Hydrocarbons, oxides of carbon.
Hazardous polymerization: *Will not occur.*

XI. Toxicological Information

CHRONIC/OTHER EFFECTS

Not Available



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XII. Ecological Information

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.

Material -- Not expected to demonstrate chronic toxicity to aquatic organisms.

MOBILITY

Material -- Expected to partition to sediment and wastewater solids. Minimally volatile.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Material -- Expected to be readily biodegradable.

BIOACCUMULATION POTENTIAL

Material -- Potential to bioaccumulate is low.

XIII. Disposal Considerations

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product. Waste must be disposed of in accordance with federal, state and local environmental control regulations. Incinerate or bury in a licensed facility.

XIV. Transportation Information

DOT Shipping Name: Not regulated as a hazardous material

DOT Hazard Class: None

UN Number: None

DOT Labels Required (49CFR172.101): None

Reportable Quantity: None.

IMDG Shipping Name: Not regulated as a dangerous good

IMDG Hazard Class: None

UN Number: None

IMDG Labels Required (49CFR172.101): None

IMDG Marine Pollutant: No



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XV. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Chronic health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III

Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

STATE REGULATIONS:

State Regulations:

California Proposition 65: This product does not intentionally contain any chemicals, which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

Massachusetts Right To Know, Substance List: None

Pennsylvania Right To Know, Substance List: None

New Jersey Right To Know, Substance List: None



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XVI. Other Information

HMIS Ratings: Health – 2* Flammability - 1 Physical Hazard - 1
NFPA Ratings: Health – 2 Flammability - 1 Instability - 0
* = Chronic

MSDS Revision History

2/10/14: New Issue

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BCC Products shall not be held liable for any damage resulting from handling or from contact with the above product.

In this document, the following abbreviations were used:

NA = Not Applicable
NE = Not Established