

MATERIAL SAFETY DATA SHEET

Name on Tube Label: **CREAM HARDENER**
Name in BS-B Label Directions: **BLUE CREST HARDENER**
Crest Stock Number: **TS-BH**

for use with
SHARK BITE ULTRA PREMIUM LIGHTWEIGHT FILLER Stock Number **BS-B**
6/29/05

SECTION 1—MANUFACTURER / PRODUCT EMERGENCY OVERVIEW

DISTRIBUTED BY:

Crest Industries, Inc., 1337 King Road, Trenton, MI 48183

Phone: (734) 479-4141 **FAX:** (734) 479-4040

24 HOUR EMERGENCY TELEPHONE (CHEMTEL)

USA: (800) 255-3924 **INTERNATIONAL:** (813) 248-0585

MANUFACTURED BY:

Catalyst Systems, Gnadenuhnten, Ohio, USA **Phone:** (740) 254-4311

Emergency Overview

Signs of Overexposure: Nausea, chest pain, lack of coordination, shortness of breath, dermatitis, redness and/or pain in eyes.

Emergency First Aid: Move to fresh air, remove contaminated clothing, wash effected skin with soap and water, do not use solvents or thinners; if product gets into eyes, remove contact lenses, flush with water for 15 minutes.

Handling: In confined areas, wear an organic vapor cartridge respirator (NIOSH / OSHA), solvent resistant gloves and safety eye protection. Do not eat, drink or smoke in work areas.

Material Appearance: blue

Material Physical Appearance: blue paste

Other Precautions: None

Fire Fighting: Organic Peroxide, refer to Guide 145 of the North American Emergency Guide Book.

HMIS and NFPA 704 Rating

Health: 2, Fire: 1, Reactivity: 1

Crest Industries, Inc. has no oversight with respect to the guidance practices or policies or manufacturing processes of other companies handling or using this material. The information given in this MSDS is only related to the product as shipped in its original condition as described in SECTION 2, "Hazardous Ingredients" and SECTION 9 "Physical and Chemical Properties".

SECTION 2—HAZARDOUS INGREDIENTS

<u>Hazardous Ingredient</u>	<u>Weight Percent</u>	<u>CAS Number</u>	<u>Vapor Pressure</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>LD50 Oral</u>	<u>LD50 Derm</u>	<u>LC50 Inhal</u>	<u>LEL</u>
Benzoyl Peroxide	45-55	94-36-0	NA	5mg/m ³	5mg/m ³	7710	Unk	Unk	NA
C9-C11 branched alkyl benzoate	10-20	131298-44-7	NA	Unk	Unk	>5000	Unk	Unk	NA
Non-ionic surfactant	1- 5	9038-95-3	NA	Unk	Unk	Unk	500	Unk	NA

LD50 Oral - rat mg/kg, **LD50 Dermal** - rabbit mg/ kg, **LC50 Inhalation** - rat mg/m³ unless otherwise specified.

Abbreviations: NA means Not Applicable, Unk means Unknown.

SECTION 3—HAZARDS IDENTIFICATION

Primary Routes of Entry: Inhalation, skin contact, ingestion, eyes.

Exposure Effects - Acute and Chronic

Inhalation: Acute: NA

Skin contact: Acute: Can be absorbed through the skin with resulting dry skin, irritation, redness and dermatitis.

Eye contact: Acute: Inflammation.

Ingestion: Acute: Gastrointestinal irritation, nausea, vomiting, may cause systemic eye effects including hallucinations, distorted perceptions, kidney, ureter or bladder changes.

Chronic: Repeated overexposure to this product may cause: dermatitis, asthmatic effects, testicular atrophy and vasodilation.

Other Health Effects: None

SECTION 4—FIRST AID MEASURES

Emergency and First Aid Procedures: In all cases if symptoms persist, seek medical attention.

Inhalation: move to fresh air, give artificial respiration if necessary.

Skin contact: remove contaminated clothing, wash with soap and water or recognized skin cleaner. Do not use solvents or thinners.

Eye contact: contact lenses must be removed, flush with water for at least 15 minutes, consult a physician immediately.

Ingestion: consult a physician or poison control center immediately. Treat symptomatically

Medical Conditions Prone to Aggravation: not known.

SECTION 5—FIRE FIGHTING MEASURES

Flash Point (SFCC): NA **Lower Explosive Limit:** NA
Extinguishing Media: foam, carbon dioxide, dry chemical or water fog or spray. Water jet or stream is unsuitable.

Unusual Fire and Explosion Hazards: Part of the oxygen for the fire comes from the material itself. Fire hazard increases as the material dries.

Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

SECTION 6—ACCIDENTAL RELEASE**Steps To Be Taken In Case Material Is Released Or**

Spilled: Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

SECTION 7—HANDLING AND STORAGE**Precautions to Be Taken in Handling and Storing:**

Minimize contact between the worker and this material. Keep material sealed to prevent contamination and drying. Consult NFPA and local codes for additional storage requirements.

Hygienic Practices: Do not eat, drink or smoke in work areas. Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Other Precautions: Do not take internally. Observe label precautions. Keep closures tight and container upright to prevent leakage. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations.

SECTION 8—EXPOSURE CONTROLS

Primary Routes of Entry: Skin contact, ingestion, eyes.

Respiratory Protection: If odors bother workers, wear a NIOSH/MSHA approved respirator device. See safety equipment supplier for evaluation and recommendation.

Ventilation: No special ventilation required.

Protective Gloves: Required for prolonged or repeated contact. Use solvent resistant gloves. Barrier creams are not substitutes for full physical protection. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles or face shield.

SECTION 9—PHYSICAL AND CHEMICAL**PROPERTIES**

Vapor Density: NA **Vapor Pressure:** NA

Boiling Range: Decomposes

Weight per Gallon (Specific Gravity): 10.0 (1.2)

Percent Volatile by Volume: NA

Physical state: paste

Odor and Appearance: blue paste with slight ester odor

SECTION 10—STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (materials to avoid): Dimethylaniline, cobalt naphthenate, accelerators, reducing agents.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Heat, open flame, sparks.

Hazardous Combustion Products: Dense white smoke of benzoic acid, phenyl benzoate, terphenyls, biphenyls, benzene and carbon dioxide.

SECTION 11—TOXICOLOGICAL INFORMATION

Carcinogenicity (risk of cancer): None known to IARC, ACGIH, or OSHA

Sensitization (effects of repeated exposure): This product may cause skin sensitization to certain individuals.

Teratogenicity (risk of malformation in an unborn fetus): None Known

Reproductive Toxicity (risk of sterility): None Known

Mutagenicity (risk of heritable genetic effects): Mutation data has been reported.

Threshold Limit Value: None established for this product. For further information, see SECTION 9 – Hazardous Ingredients

SECTION 12—ECOLOGICAL INFORMATION

General Information: Avoid runoff into ground, storms or sewer that lead into waterways. Water runoff can cause environmental damage.

Environmental Impact Data (percentage by weight):

VOCs: none **Ozone Depleters:** none **Heavy Metals:** None
There are extensive ecological data available on the various components of these products. An adequate representation of all these data is beyond the scope of this document.

SECTION 13—DISPOSAL INFORMATION

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements. This information applies only to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate or incomplete. The generator of the waste has the responsibility for proper waste classification, transportation and disposal.

SECTION 14—TRANSPORTATION INFORMATION

Not regulated for ground shipments inside the United States

SECTION 15—REGULATORY INFORMATION

OSHA: This product is considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS Classification: D1B; D2B

SARA Title III

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health.

Section 313 Toxic Chemicals: Benzoyl Peroxide.

You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

SECTION 16—PREPARATION INFORMATION

Prepared by Crest Industries, Inc. Research and Development Department **Date Prepared:** 6/29/05

Information phone number: (734) 479-4141 Ext. 118.

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact.

DISCLAIMER: The information contained in this MSDS is believed to be accurate and reliable as of the date indicated. **Crest Industries, Inc.** assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.