

**SAINT-GOBAIN CRYSTALS
MATERIAL SAFETY DATA SHEET**

PRODUCT: BC-490 PART B

EMERGENCY PHONE NO.

ChemTrec 1-800-424-9300

Outside U.S. 703-527-3887

SECTION 1 SUPPLIER INFORMATION

COMMON NAME : BC-490 Part B
CHEMICAL NAME : Organic peroxide
FORMULA : Proprietary
PRODUCT CAS # : 105-74-8
SUPPLIER : Saint-Gobain Crystals
ADDRESS : 17900 Great Lakes Parkway
CITY/STATE/ZIP : Hiram, OH 44234
PHONE : (440)834-5600
TELEFAX : (440)834-7680

SECTION II HAZARDOUS INGREDIENT INFORMATION

INGREDIENT	%WT. PEL-OSHA	TLV-ACGIH
Organic peroxide	>95.0	Not determined Not determined

INGREDIENT HAZARD STATEMENT

NOTE: N/A

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : N/A
SPECIFIC GRAVITY (H₂O=1) : Not determined
MELTING POINT : 55-57°C
VAPOR PRESSURE (mmHg) : Not determined

VAPOR DENSITY (air=1) : 13.7

MATERIAL SAFETY DATA SHEET

Page 2 Date: January 17, 2003

EVAPORATION RATE (BUTYL ACETATE=1): Not determined
% SOLUBILITY/WATER: Insoluble

APPEARANCE AND ODOR: White flakes or powder, faint odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: Not determined °C; Not determined °F

AUTO-IGNITION: Not determined

LEL: N/A

UEL: N/A

NFPA HAZARD CLASSIFICATION Not listed

HEALTH: N/A FLAMMABLE: N/A REACTIVITY: N/A

HMIS HAZARD CLASSIFICATION

HEALTH: 3 FLAMMABLE: 3 REACTIVITY: 2

EXTINGUISHING MEDIA: Water spray

SPECIAL FIRE FIGHTING PROCEDURES: Strong oxidizer. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contact with other materials may cause fire. Emits toxic fumes under fire conditions.

SECTION V REACTIVITY DATA

STABILITY: Unstable

AVOID: Keep away from combustible materials, heat, sparks and open flame.

INCOMPATIBILITY: Strong reducing agents, strong bases, finely divided metals.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not determined

POLYMERIZATION: Will not occur
AVOID: N/A

MATERIAL SAFETY DATA SHEET

Page 3 Date: January 17, 2003

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

EYES: Yes **SKIN:** Yes **INHALATION:** Yes **INGESTION:** Yes

EFFECTS OF OVEREXPOSURE

EYE: Causes severe irritation. May cause burning sensation. See note below.

SKIN: May cause burning sensation. See note below.

INHALATION: Symptoms may include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. See note below.

INGESTION: May cause burning sensation. See note below.

NOTE: High concentrations are extremely destructive to tissues of the mucous membranes, eyes, skin and upper respiratory tract.

CARCINOGENICITY: Not listed.

NTP: N/A **IARC:** N/A **OSHA:** N/A

CHRONIC HEALTH HAZARD: Not determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not determined.

EMERGENCY FIRST AID

EYE AND SKIN CONTACT: Immediately flush eyes with copious amounts of water for at least 15 minutes. Obtain medical attention. If contact with skin is made, remove contaminated clothing. Flush skin with water for at least 15 minutes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Call a physician.

INGESTION: DO NOT INDUCE VOMITING. Call a physician.

MATERIAL SAFETY DATA SHEET

Page 4 Date: January 17, 2003

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

EPA: WASTE #: D002.

UN #: UN3106

DOT CLASSIFICATION: Organic peroxide type D, solid, N.O.S., (Lauroyl Peroxide), 5.2,II.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate area. Wear self-contained breathing apparatus, heavy boots and rubber gloves. Cover with dry lime or soda ash, pick up, keep in a closed container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

WASTE DISPOSAL METHOD: Follow all local, State and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep tightly closed. REFRIGERATE. Keep away from combustible materials, heat, sparks, and open flame.

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION: Wear appropriate NIOSH/MSHA approved respirator.

VENTILATION: Use only in chemical fume hood.

PROTECTIVE EQUIPMENT: Chemical resistant gloves, safety goggles and protective clothing. Safety shower and eye bath.

WORK/HYGIENE PRACTICES: Avoid breathing dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Severe irritant.

SECTION IX FEDERAL AND STATE REGULATIONS

SARA HAZARD CATEGORIES

IMMEDIATE (ACUTE) HEALTH HAZARD: YES [X] NO []

DELAYED (CHRONIC) HEALTH HAZARD: YES [X] NO []

FIRE HAZARD: YES [X] NO []

REACTIVITY HAZARD: YES [X] NO []

SUDDEN RELEASE OF PRESSURE: YES [] NO [X]

SARA SECTION 313 NOTIFICATION:

THIS PRODUCT MAY CONTAIN A TOXIC CHEMICAL (OR CHEMICALS) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CHEMICAL NAME:	CAS #	%WT.
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Does not apply

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