



BC-6, BC-32, BC-G BARRIER COAT

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SECTION I - PRODUCT IDENTIFICATION

Product Name: **BC-6, BC-32, BC-G BARRIER COAT**

Revision: 12/4/03

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Methyl ethyl ketone	200ppm	200ppm	N/A	78-93-3
Toluene	100ppm	50ppm	N/A	108-88-3
N-butyl acetate	150ppm	150ppm	N/A	123-86-4
Cyclohexanone	NE	25ppm	N/A	108-94-1

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLANT

BOILING POINT: 175-313°F

SPECIFIC GRAVITY (H₂O=1): .87-.88

VAPOR PRESSURE (mm Hg): NE

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): >1

EVAPORATION RATE (Butyl Acetate = 1): >1

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Clear liquid with a pungent aromatic odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 21°F TCC

FLAMMABLE LIMITS NE

EXTINGUISHING MEDIA: WATER FOG x STANDARD FOAM x CO₂ x

DRY CHEMICAL x HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to high temperatures. Use water spray to keep closed containers cool.

SPECIAL PRECAUTIONARY STATEMENTS: Self contained breathing apparatus must be worn while fighting chemical fires.

SECTION V: REACTIVITY DATA

STABILITY: x Stable Unstable

Incompatibility : Oxidizers

Hazardous Decomposition: Carbon monoxide and Carbon dioxide.

HAZARDOUS POLYMERIZATION: May Occur xWill not occur

Conditions to Avoid: Heat, sparks, open flames.

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: No recorded data .

EYES: May irritate and burn the eyes.

INHALATION: Upper respiratory irritation, dizziness, nausea, headache and narcosis. Repeated and prolonged exposure may cause damage to vital organs such as liver and kidneys.

SKIN: Can dry and defat the skin causing cracks, inflammation and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Do not induce vomiting. It can cause chemical pneumotitis and pulmonary edema. Contact physician immediately.

EYES: Flush with large quantities of water. If irritation persists, consult a physician.

INHALATION: Remove to fresh air. If not breathing administer artificial respiration.

SKIN: Wash thoroughly with soap and water.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE
LARGE AMOUNTS ARE
RELEASED:** Remove any source of ignition. Soak up the spill with absorbent material. Collect into suitable DOT approved waste containers.

WASTE DISPOSAL METHOD: Identify as hazardous waste and follow local, State and Federal Regulations concerning waste disposal.

**PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORAGE:** Store in cool dry place.

OTHER PRECAUTIONS: Do not use torch or cut empty containers which contain solvent vapors and may result in explosion.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: If solvent vapor levels exceed the allowable limits, a NIOSH/MSHA approved respirator with self contained air supply is recommended. For normal operations, no respirator is required.

VENTILATION: Good flow through mechanical ventilation is recommended in the work area.

LOCAL EXHAUST: N/A

PROTECTIVE GLOVES: Solvent resistant neoprene type.

EYE PROTECTION: Chemical resistant goggles.

SECTION IX: SPECIAL PRECAUTIONS

HEALTH: 2	<u>HAZARD RATING KEY</u>
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FLAMMABILITY: 3	0 = MINIMAL
REACTIVITY: 0	1 = SLIGHT
PERSONALPROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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