

Manufacture's name: RESIL COM. IND. LTDA.
Emergency Telephone No.: (+55.11) 4043-8067
Address: AV. PRESTES MAIA 791 – DIADEMA – SÃO PAULO – BRASIL

Supplier: Exelgard Fire Protection, Unit 2, 2-8 South St, Rydalmere. NSW 2116. Ph: 02 9638 8111

MATERIAL SAFETY DATA SHEET

BE Type Powder

1 – IDENTITY

Common Name: BE Powder (code 130090040)
Chemical Name: N/A
Formula: N/A

2 - INGREDIENTS

2A – HAZARDOUS INGREDIENTS:	N/A
2B – OTHER INGREDIENTS:	<u>CAS No.</u>
Sodium Bicarbonate	144-55-8
Magnesium Stearate	557-04-0
Calcium Carbonate	39409-82-0
Phosphate Tricalcium	7758-87-4

3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Bolling Point: N/A Specific Gravity (H₂O= 1): N/A Vapor Pressure (mm Hg) N/A
Percent Volatile by Volume (%) N/A Vapor Density (Air=1): N/A Evaporation Rate (=1): N/A
Solubility in Water: Slight Reactivity in Water: Unreactive
Appearance and odor: White Powder, no characteristic odour
Flash point: None Flammable Limits in Air % by Volume: N/A Extinguisher Media: N/A
Auto-Ignition Temperature: N/A
Special Fire Fighting Procedures: None = THIS IS AN EXTINGUISHING AGENT
Unusual Fire and Explosion Hazards: None

4 – PHYSICAL HAZARDS

Stability: Stable
Conditions to Avoid: N/A
Incompatibility (Materials to Avoid): Strong acids, NaK alloy and NH₄H₂PO₄
Hazardous Decomposition Products: CO₂
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: N/A

5 – HEALTH HAZARDS

Routes of Entry

Eye Contact: Mildly irritating for a short period of time.
Skin Contact: May be mildly irritating.
Inhalation: Treat as a mineral dust. Irritant to the respiratory tract.
Ingestion: Not an expected route of entry.

Signs and Symptoms: Acute Overexposure: Transient cough, shortness of breath.
Chronic Overexposure: Talcosis, Pulmonary fibrosis.

Medical Conditions Generally Aggravated by Exposure: Reactive airway

Chemical Listed as Carcinogen or Potential - National Toxicology Program: No

6 – EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush with large amounts of water. If irritation persists, seek Medical attention.
Skin Contact: Wash with soap and water. If irritation persists, seek Medical attention.
Inhalation: Remove victim to fresh air. Seek Medical attention if discomfort continues.
Ingestion: If patient is conscious, give large amounts of water and induce vomiting. Seek Medical attention.

7 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Dust mask where dustiness is prevalent, or TLV is exceeded. Mechanical filter respirator if exposure is prolonged.

Ventilation: Local Exhaust Discretionary
Mechanical (General) Recommended

Protective Gloves: Latex gloves

Eye Protection: Recommended as mechanical barrier for prolonged exposure.

Other Protective Clothing or Equipment: N/A

8 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Should be stored in original containers.

Other Precautions: Do not mix agents.

Steps to be Taken in Case Material is Released or Spilled: Sweep up

Waste Disposal Methods: Dispose of in compliance with local, state, and federal regulations.
Components are nonhazardous, sanitary landfill disposal is acceptable.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS

HAZARD INDEX:

4 Severe Hazard	<u>1</u> HEALTH
3 Serious Hazard	
2 Moderate Hazard	<u>0</u> FLAMMABILITY
1 Slight Hazard	
0 Minimal Hazard	<u>0</u> REACTIVITY