

**MATERIAL SAFETY DATA SHEET**

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**Vendor Update:** 12/3/2002  
**Date Prepared:** 2/27/2003  
**MSDS Number:** CD34BRZ ; CD34W ; VGB3997GRY ; VGB4920GRY ; VGB605GRY ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** GLAZING BEAD  
**HMIS Ratings:**  
 Health: Minimal(0)  
 Flammability: Slight(1)  
 Instability/Reactivity: Minimal(0)  
 Personal Protective Equipment: A  
**NFPA Ratings:**  
 Health: Minimal(0)  
 Flammability: Minimal(0)  
 Instability/Reactivity: Minimal(0)

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

<b>Chemical Ingredients</b>	<b>C.A.S. Number</b>	<b>% By Weight</b>	<b>ACGIH TLV TWA/STEL</b>	<b>OSHA PEL TWA/STEL</b>	<b>Other TWA/STEL</b>	<b>LD50</b>	<b>LC50</b>
N/A – MIXTURE OF MATERIALS							
<b>Notes</b>							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** DUST AND FUMES MAY BE IRRITATING TO THE EYES.  
**Skin:** DUST AND FUMES MAY CAUSE SLIGHT IRRITATION TO SENSITIVE PEOPLE.  
**Ingestion:** NOT A LIKELY ROUTE OF EXPOSURE.  
**Inhalation:** FUMES FROM PROCESS MAY BE IRRITATING TO THE MUCOUS MEMBRANES OF THE RESPIRATORY TRACT.

**IV. FIRST AID MEASURES**

**Eyes:** IF SYMPTOMS DEVELOP, FLUSH EYES WITH ADEQUATE STREAM OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.  
**Skin:** WASH THOROUGHLY WITH SOAP AND WATER.  
**Ingestion:** NO EFFECT EXPECTED. IF LARGE AMOUNTS INGESTED, SEEK MEDICAL ATTENTION.  
**Inhalation:** REMOVE TO FRESH AIR IF SYMPTOMS DEVELOP.

**V. FIRE FIGHTING MEASURES**

**Flash Point:** 590°F

**Lower Flammability Limit:** N/A

**Upper Flammability Limit:** N/A

**Extinguishing Agents:** WATER, DRY CHEMICAL

**Unusual Fire or Explosion** DECOMPOSITION BY BURNING (GENERATING HCL GAS).

**Hazards:**

**Fire Fighting Procedures:** WATER NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IN FIRE CONDITIONS.

**Other:** AUTOIGNITION TEMPERATURE (ASTM D1929): +850°F.

#### VI. ACCIDENTAL RELEASE MEASURES

**Containment/Cleanup:** CAREFULLY SWEEP OR VACUUM UP AND PLACE IN MARKED CONTAINERS FOR REUSE OR DISPOSAL.

#### VII. HANDLING AND STORAGE

**Other:** STORE IN CLOSED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM DIRECT HEAT.

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** WEAR SAFETY GLASSES WITH SIDE SHIELDS (ANSI 87.1, 1979)

**Skin:** GLOVES: NOT NECESSARY, BUT SENSITIVE PEOPLE SHOULD WEAR THEM.

**Respiratory:** A NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE WORN IF THE PEL IS EXCEEDED.

**Engineering:** VENTILATION REQUIREMENTS: GENERAL ROOM VENTILATION PLUS LOCAL EXHAUST AT POINTS OF EMISSION TO MAINTAIN EXPOSURE BELOW THE EXPOSURE LIMITS.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** VARIOUS COLORS

**Boiling Point:** N/A

**Freezing Point:** N/A

**Solubility in Water:** NEGLIGIBLE

**Specific Gravity:** FROM .99–1.50 DEPENDING ON FORMULATION.

#### X. STABILITY AND REACTIVITY

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

**Hazardous Decomposition** CO, CO<sub>2</sub>, HCL

**Products:**

**Incompatible Products:** ACETAL AND/OR ACETAL COPOLYMERS OR WITH AMINE CONTAINING MATERIALS DURING PROCESSING.

**Conditions To Avoid:** EXCESSIVE HEAT FOR PROLONGED PERIODS.

#### XI. TOXICOLOGICAL INFORMATION

**XII. ECOLOGICAL INFORMATION****XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** DISPOSE OF IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL GOVERNMENT REGULATIONS.

**XIV. TRANSPORT INFORMATION**

**D.O.T. Shipping Name:** N/A

**XV. REGULATORY INFORMATION**

**TSCA Status:** ALL INGREDIENTS AND/OR MATERIALS USED IN THE MANUFACTURE OF OUR VINYL (PLASTIC) COMPOUNDS HAVE BEEN REGISTERED IN ACCORDANCE TO THE RULES OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA).

**EPA Sara Title III Chemical** NO

**Listings:**

**Other:** MATERIAL HEATED AT 350° HAS LESS THAN .01 PART VCM/M3.

**XVI. OTHER INFORMATION****WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.