

MATERIAL SAFETY DATA SHEET

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MSDS Number: ET100 ; VGB1460GRY ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: GLAZING BEAD
HMIS Ratings:
NFPA Ratings:

Other:**EMERGENCY OVERVIEW:**

THIS MIXTURE HAS NOT BEEN EVALUATED AS A WHOLE. INFORMATION PROVIDED ON HEALTH EFFECTS OF THIS PRODUCT IS BASED ON INDIVIDUAL COMPONENTS. ALL INGREDIENTS ARE BOUND AND POTENTIAL FOR HAZARDOUS EXPOSURE AS SHIPPED IS MINIMAL. HOWEVER, SOME VAPORS MAY BE RELEASED UPON HEATING AND THE END USERS (FABRICATOR) MUST TAKE THE NECESSARY PRECAUTIONS (MECHANICAL VENTILATION, RESPIRATORY PROTECTION, ETC.) TO PROTECT EMPLOYEES FROM EXPOSURE.

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
CALCIUM CARBONATE	1317-65-3	5 - 10	10 MG/M ³ TOTAL DUST	5 MG/M ³ RESPIRABLE DUST; 15 MG/M ³ TOTAL DUST			
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: RESIN PARTICLES, LIKE OTHER INERT MATERIALS, ARE MECHANICALLY IRRITATING TO EYES.

Skin: EXPERIENCE SHOWS NO UNUSUAL DERMATITIS HAZARD FROM ROUTINE HANDLING.

Ingestion: MAY BE HARMFUL IF SWALLOWED.

Inhalation: RESIN PARTICLES, LIKE OTHER INERT MATERIALS, CAN BE MECHANICALLY IRRITATING.

Signs and Symptoms of Exposure:

IV. FIRST AID MEASURES

Eyes: RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

Skin: WASH OFF WITH SOAP AND PLENTY OF WATER. IF SKIN IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. WHEN SYMPTOMS PERSIST, OR IN ALL CASES OF DOUBT, SEEK MEDICAL ADVICE.

Inhalation: MOVE TO FRESH AIR IN CASE OF ACCIDENTAL INHALATION OF FUMES FROM OVERHEATING OR COMBUSTION. WHEN SYMPTOMS PERSIST, OR IN ALL CASES OF DOUBT, SEEK MEDICAL ADVICE.

V. FIRE FIGHTING MEASURES

Flash Point: NOT APPLICABLE

Lower Flammability Limit: NOT APPLICABLE

Upper Flammability Limit: NOT APPLICABLE

Extinguishing Agents: CARBON DIOXIDE BLANKET, WATER SPRAY, DRY POWDER, FOAM

Unusual Fire or Explosion Hazards: NONE

Fire Fighting Procedures: FULL FACE SELF CONTAINED BREATHING APPARATUS (SCBA) USED IN POSITIVE PRESSURE MODE SHOULD BE WORN TO PREVENT INHALATION OF AIRBORNE CONTAMINANTS.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: WEAR APPROPRIATE PERSONAL PROTECTION DURING CLEANUP, SUCH AS IMPERVIOUS GLOVES, BOOTS AND COVERALLS. SHOULD NOT BE RELEASED INTO THE ENVIRONMENT. THE PRODUCT SHOULD NOT BE ALLOWED TO ENTER DRAINS, WATER COURSES OR THE SOIL. CLEAN UP PROMPTLY BY SWEEPING OR VACUUM. PACKAGE ALL MATERIAL IN PLASTIC, CARDBOARD OR METAL CONTAINERS FOR DISPOSAL.

VII. HANDLING AND STORAGE

Other: HANDLING: TAKE MEASURES TO PREVENT THE BUILD UP OF ELECTROSTATIC CHARGE. HEAT ONLY IN AREAS WITH APPROPRIATE EXHAUST VENTILATION. STORAGE: KEEP CONTAINERS DRY AND TIGHTLY CLOSED TO AVOID MOISTURE ABSORPTION AND CONTAMINATION. KEEP IN A DRY, COOL PLACE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: SAFETY GLASSES WITH SIDE-SHIELDS.

Skin: PROTECTIVE GLOVES. LONG SLEEVED CLOTHING. SAFETY SHOES.

Respiratory: NO PERSONAL RESPIRATORY PROTECTIVE EQUIPMENT NORMALLY REQUIRED.

Engineering: HEAT ONLY IN AREAS WITH APPROPRIATE EXHAUST VENTILATION. PROVIDE APPROPRIATE EXHAUST VENTILATION AT MACHINERY.

Other: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: NO PIGMENT PELLETS

Boiling Point: NOT APPLICABLE

Freezing Point: NOT DETERMINED

pH: NOT APPLICABLE

Solubility in Water: INSOLUBLE

Specific Gravity: NOT DETERMINED

Vapor Pressure:	NOT APPLICABLE
Vapor Density:	NOT APPLICABLE
Physical State:	SOLID
Other:	EVAPORATION RATE: NOT APPLICABLE.

X. STABILITY AND REACTIVITY

Stability:	STABLE
Hazardous Polymerization:	WILL NOT OCCUR
Hazardous Decomposition Products:	CARBON DIOXIDE (CO ₂), CARBON MONOXIDE (CO), OXIDES OF NITROGEN (NO _x), OTHER HAZARDOUS MATERIALS, AND SMOKE ARE ALL POSSIBLE.
Incompatible Products:	INCOMPATIBLE WITH STRONG ACIDS AND OXIDIZING AGENTS.
Conditions To Avoid:	KEEP AWAY FROM OXIDIZING AGENTS AND OPEN FLAME. TO AVOID THERMAL DECOMPOSITION, DO NOT OVERHEAT.

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Information:	THIS MIXTURE HAS NOT BEEN EVALUATED AS A WHOLE FOR HEALTH EFFECTS. EXPOSURE EFFECTS LISTED ARE BASED ON EXISTING HEALTH DATA FOR THE INDIVIDUAL COMPONENTS WHICH COMPRISE THE MIXTURE. OVERVIEW: THIS PRODUCT CONTAINS THE FOLLOWING COMPONENTS WHICH IN THEIR PURE FORM HAVE THE FOLLOWING CHARACTERISTICS: Chemical CALCIUM CARBONATE CAS# 1317-65-3, EFFECT: IRRITANT; TARGET ORGANS: EYES, SKIN; EFFECT: SYSTEMIC; TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM
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XII. ECOLOGICAL INFORMATION

Persistence and Degradation:	NOT READILY BIODEGRADABLE.
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XIII. DISPOSAL CONSIDERATIONS

Disposal Method:	PRODUCT: LIKE MOST THERMOPLASTICS THE PRODUCT CAN BE RECYCLED. WHERE POSSIBLE, RECYCLING IS PREFERRED TO DISPOSAL OR INCINERATION. THE GENERATOR OF WASTE MATERIAL HAS THE RESPONSIBILITY FOR PROPER WASTE CLASSIFICATION, TRANSPORTATION AND DISPOSAL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. CONTAMINATED PACKAGING: RECYCLING IS PREFERRED WHEN POSSIBLE. THE GENERATOR OF WASTE MATERIAL HAS THE RESPONSIBILITY FOR PROPER WASTE CLASSIFICATION, TRANSPORTATION AND DISPOSAL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.
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XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name:	REFER TO SPECIFIC REGULATION
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XV. REGULATORY INFORMATION

TSCA Status:	ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY OR ARE EXEMPT.
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EPA Sara Title III Chemical NOT APPLICABLE.

Listings:

California: PROP 65 WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Other: WHMIS CLASSIFICATION: D2A
INGREDIENT DISCLOSURE LIST: CAS # 14807-96-6
DSL: LISTED
NATIONAL INVENTORIES:
AUSTRALIA AICS, CHINA IECS, KOREA KECI, PHILIPPINES PICCS: LISTED
EUROPE EINECS, JAPAN ENCS: NOT DETERMINED.

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.