

MATERIAL SAFETY DATA SHEET

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 DV765M ; GC115M ; GC195M ; GC460M ; GC673M ;
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 GC727M ; GC728M ; GC729M ; GC800M ; GS111M ;
 GS112M ; GS118M ; GS231M ; GS232M ; GS233M ;
 GS301BLM ; GS301M ; GS316M ; GS476M ; GS478M ;
 GS678M ; GS708M ; GS765M ; GS766M ; SDV732M ;
 SDV734M ; SFV335M ; SS20075B ; TSV1203B ;
 WV3866 ; WV3868 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: UNIV.STOREFRONT VINYL 1000 FT.
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)

Other: THIS MIXTURE HAS NOT BEEN EVALUTATED AS A WHOLE. INFORMATION PROVIDED ON THE 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-USER (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
QUARTZ	14808-60-7	0.1 - 1	0.025 MG/M3: RESP FRACT.	5 MG/M3: RESP FRACT; 15 MG/M3: TOTAL DUST	0.1MG/M3		
Notes	Z3(TWA): 0.1 MG/M3: RESPIRABLE; 0.3 MG/M3: TOTAL DUST.						
CALCIUM CARBONATE	1317-65-3	10 -30		5 MG/M3: RESP FRACT; 15 MG/M3: TOTAL DUST	10 MG/M3 20 MG/M3		
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.
Other:	ROUTES OF EXPOSURE: INHALATION, INGESTION, SKIN CONTACT.

IV. FIRST AID MEASURES

Eyes:	RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER EYELIDS, FOR AT LEAST 15 MINUTES. IF 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:	N/A
Upper Flammability Limit:	N/A
Extinguishing Agents:	CARBON DIOXIDE BLANKET, WATER SPRAY, DRY POWDER, FOAM NONE.
Unusual Fire or Explosion Hazards:	CARBON DIOXIDE(CO ₂), CARBON MONOXIDE (CO), OXIDES OF NITROGEN (NOX), OTHER HAZARDOUS MATERIALS, AND SMOKE ARE ALL POSSIBLE.
Fire Fighting Procedures:	FULLFACE SELF-CONTAINED BREATHING APPARATUS (SCBA) USED IN POSITIVE PRESSURE MODE SHOULD BE WORN TO PREVENT INHALATION OF AIRBORNE CONTAMINANTS.
Other:	AUTOIGNITION TEMPERATURE: NOT APPLICABLE

VI. ACCIDENTAL RELEASE MEASURES

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

Other:	<p>HANDLING: TAKE MEASURES TO PREVENT THE BUILD UP OF ELECTROSTATIC CHARGE. HEAT ONLY IN AREAS WITH APPROPRIATE EXHAUST VENTILATION.</p> <p>STORAGE:</p>
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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:	HAND PROTECTION: PROTECTIVE GLOVES. SKIN AND BODY PROTECTION: LONG SLEEVED CLOTHING. ADDITIONAL PROTECTIVE MEASURES: 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:	GENERAL HYGIENE CONSIDERATIONS: 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:	PELLETS; COLOR: NO PIGMENT
Boiling Point:	NOT APPLICABLE
pH:	NOT APPLICABLE
Solubility in Water:	INSOLUBLE
Specific Gravity:	NO DETERMINED
Vapor Pressure:	NOT APPLICABLE
Vapor Density:	NOT APPLICABLE
Physical State:	FORM: SOLID
Other:	EVAPORATION RATE: NOT APPLICABLE BULK DENSITY: NOT ESTABLISHED MELTING POINT/RANGE: NOT DETERMINED

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 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 PRODUCT CONTAINS THE FOLLOWING COMPONENTS WHICH IN THEIR PURE FORM HAVE THE FOLLOWING CHARACTERISTICS: CHEMICAL: QUARTZ CAS#: 14808-60-7 EFFECT: SYSTEMIC EFFECTS TARGET ORGAN: EYES, RESPIRATORY SYSTEM. CHEMICAL: CALCIUM CARBONATE CAS#: 1317-65-3 EFFECT: SYSTEMIC EFFECTS
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EYES, SKIN
EFFECTS: SYSTEMIC EFFECTS
EYES, SKIN, RESPIRATORY SYSTEM.

**Special Hazard
Information:**

CARCINOGENICITY:
THIS PRODUCT CONTAINS THE FOLLOWING COMPONENTS WHICH IN THEIR
PURE FORM HAVE THE FOLLOWING CARCINOGENICITY DATA:

CHEMICAL QUARTZ

CAS#: 14808-60-7

OSHA: NO

IARC: 1

NTP: NO

IARC CARCINOGEN CLASSIFICATIONS:

1 – THE COMPONENT IS CARCINOGENIC TO HUMANS.

2A – THE COMPONENT IS PROBABLY CARCINOGENIC TO HUMANS.

2B – THE COMPONENT IS POSSIBLY CARCINOGENIC TO HUMANS.

NTP: CARCINOGEN CLASSIFICATIONS:

1 – THE COMPONENT IS KNOWN TO BE A HUMAN CARCINOGEN.

2 – THE COMPONENT IS REASONABLY ANTICIPATED TO BE A HUMAN
CARCINOGEN.

Other:

THIS MIXTURE HAS NOT BEEN EVALUTATED AS A WHOLE FOR HEALTH
EFFECTS. EXPOSURE EFFECTS LISTED ARE BASED ON EXISTING HEALTH
DATA FOR THE INDIVIDUAL COMPONENTS WHICH COMPROMISE THE
MIXTURE.

ADDITIONAL HEALTH HAZARD INFORMATION:

QUARTZ CAS# 14808-60-7 THIS MATERIAL IN ITS FREE RELEASABLE FORM
MAY CAUSE RESPIRATORY TRACT IRRITATION. LONG-TERM EXPOSURE MAY
CAUSE COUGHING, CHEST PAIN, DIMINISHED CHEST EXPANSION AND
POSSIBLY SILICOSIS, WHICH IS A SCARRING OF THE LUNGS.

XII. ECOLOGICAL INFORMATION

**Environmental Fate and
Distribution:** CHEMICALS ARE NOT READILY AVAILABLE AS THEY ARE BOUND WITHIN THE
POLYMER MATRIX.

**Persistence and
Degradation:** NOT READILY BIODEGRADABLE.

Other: BIOACCUMULATION POTENTIAL: CHEMICALS ARE NOT READILY AVAILABLE
AS THEY ARE BOUND WITHIN THE POLYMER MATRIX.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: PRODUCT:
LIKE MOST THERMOPLASTIC PLASTICS 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.

XIV. TRANSPORT INFORMATION

DOT Label(s) Required: NOT REGULATED FOR TRANSPORTATION

REFER TO SPECIFIC REGULATION

Air Transport:

Sea Transport:

REFER TO SPECIFIC REGULATION

XV. REGULATORY INFORMATION

TSCA Status: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON OR EXEMPT FROM THE TSCA INVENTORY.

EPA Sara Title III Chemical Listings: OSHA STATUS: CLASSIFIED AS HAZARDOUS BASED ON COMPONENTS.
US EPA CERCLA HAZARDOUS SUBSTANCES (40 CFR 302): NOT APPLICABLE.
SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE: UNLESS SPECIFIC CHEMICALS ARE IDENTIFIED UNDER THIS SECTION, THIS PRODUCT IS NOT APPLICABLE UNDER THIS REGULATION.
SARA TITLE III SECTION 313 TOXIC CHEMICALS: UNLESS SPECIFIC CHEMICALS ARE IDENTIFIED UNDER THIS SECTION, THIS PRODUCT IS NOT APPLICABLE UNDER THIS REGULATION.

California: CALIFORNIA PROPOSITION 65: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Other: CANADIAN REGULATIONS:
NATIONAL POLLUTANT RELEASE INVENTORY (NPRI): NOT APPLICABLE
WHIMIS CLASSIFICATION: D2A
DSL: ALL COMPONENTS OF THIS PRODUCT ARE ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE EXEMPT.
NATIONAL INVENTORIES:
AUSTRALIA – AICS: NOT DETERMINED.
CHINA – IECS: NOT DETERMINED.
EUROPE – EINECS: LISTED.
JAPAN – ENCS: NOT DETERMINED.
KOREA – KECI: NOT DETERMINED.
PHILIPPINES – PICCS: 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.