MATERIAL SAFETY DATA SHEET
In compliance with OSHA 29 CFR 1910.1200
N.ap means Not Applicable NIA means No Information Available

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BELZONA INC., 2000 N.W. 88 COURT, MIAMI, FL 33172	EMERGENCY PHONE NUMBERS (Spill, Leak, Fire, Exposure or Accident) 800 424 9300 - Toll free in United States 202 483 7616 - For calls from outside the United States INFORMATION PHONE NUMBER 305 594 4994 - Working hours only

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : 3200/1346-1356
PRODUCT NAME : Belzona® 4111 (Magma-Quartz) Aggregate
PRODUCT CLASS : Industrial/Architectural Aggregate

SECTION II - HAZARDOUS INGREDIENTS/TOXICOLOGICAL DATA

Hazardous Components	% by Weight	CAS Number	Exposure Limits OSHA PEL mg/m^3	ACGIH (TWA)TLV ppm	ACGIH (TWA)TLV mg/m^3	Toxicity LD_{50} Oral mg/Kg	LD_{50} Dermal mg/Kg	LC_{50} Inhal ppm
DGEBA-epoxy resin	1-5	25068-38-6	NIA	NIA	NIA	>5000	>2000	NIA
Silica, Quartz	60-100	14808-60-7	2.36*	N.ap	N.ap	NIA	NIA	NIA

* (Total Dust)

CARCINOGENICITY
Crystalline (respirable) silica is listed by the IARC monographs as probably carcinogenic to humans and listed by ACGIH as a suspected human carcinogen. The silica in this product, however, is no longer in a respirable form.

SECTION III - PHYSICAL DATA

APPEARANCE AND ODOR : Gray or beige Aggregate with no characteristic odor.
BOILING POINT : N.ap
VAPOR PRESSURE : NIA
EVAPORATION RATE : N.ap
SOLUBILITY IN WATER : Negligible (<0.1%)
SPECIFIC GRAVITY : 2.6
VAPOR DENSITY : >1
% VOLATILE BY VOLUME : N.ap

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : >138°C
TEST METHOD : Closed cup
EXPLOSION LIMITS LOWER : N.ap
UPPER : N.ap

OSHA FLAMMABILITY CLASS : N.ap
FLAMMABILITY INDEX (NFPA) : 0 Nil
REACTIVITY INDEX (NFPA) : 0 Nil
HEALTH HAZARD (NFPA) : 1 Slight
EXTINGUISHING MEDIA : N.ap

SPECIAL FIRE FIGHTING PROCEDURES
Not flammable, if involved in a fire this product will not contribute to the combustible material. However, special fire fighting procedures may be required for the other materials involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS
N.ap.

SECTION V - HEALTH HAZARDS

ROUTE(S) OF ENTRY : Skin and eye contact.
PRIME HAZARD(S) : Skin sensitizer and skin irritation.

EFFECTS OF EXPOSURE
Acute : Skin and eye irritation
Chronic : Sensitization and dermatitis

EMERGENCY AND FIRST AID PROCEDURES
Inhalation : Not applicable under normal conditions of use.

Eye contact : Flush eyes with water for 15 minutes. Seek medical advice if any irritation persists.

Skin contact : Immediately remove excess with a clean cloth and wash skin thoroughly with soap and water. If irritation or inflammation persists, seek medical advice.

Ingestion : If swallowed, do not induce vomiting. Rinse mouth with water and drink plenty of water. Call TAMPA BAY Regional Poison Center (Tel.No.1-800-282-3171) and/or seek medical advice.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Skin and eye conditions.

SECTION VI - REACTIVITY DATA

STABILITY : Stable
STABILITY CONDITIONS TO AVOID : N.ap

INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH)
Strong oxidizing agents, acids, bases and amines.

HAZARDOUS DECOMPOSITION PRODUCTS
Gaseous combinations of carbon, hydrogen and oxygen may occur at elevated temperatures.

HAZARDOUS POLYMERIZATION
Hazardous polymerization will not occur when stored and used as directed.

POLYMERIZATION CONDITIONS TO AVOID
N.ap

SECTION VII - SPILL AND LEAK PROCEDURES

SPILLAGE
Sweep up, place into suitable labelled containers, seal and dispose of properly. Flush area with detergent and water.

WASTE DISPOSAL METHODS
Dispose of in accordance with Local, State and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE MEASURES
RESPIRATORY : Not necessary under normal conditions of use.

SKIN : Impermeable gloves, such as Neoprene or Nitrile. Wash hands with soap and water and use hand cream. Suitable protective clothing to minimize skin contact. Remove contaminated clothing and wash before reuse.

EYE : Safety glasses or goggles. Eyewash station.

MECHANICAL PROTECTIVE MEASURES
VENTILATION : Not necessary under normal conditions of use.

OTHER PROTECTIVE EQUIPMENT

OTHER COMMENTS
: Where machining or abrading of cured material leads to the production of respirable and/or nuisance dust, an appropriate NIOSH or MSHA approved respirator should be worn.

SECTION IX - SAFE HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS
HANDLING
Avoid contact with skin and eyes.

STORAGE
Containers should be stored under cool, dry conditions.

HYGIENE PRACTICES

When using, do not eat, drink or smoke. Wash hands with soap and water after handling this product.

SECTION X - REGULATORY INFORMATION

SARA TITLE III - NOTIFICATION OF TOXIC CHEMICALS

None of the constituents of this product are subject to reporting requirements under section 313 of the Superfund Amendment and Reauthorization Act of 1986 (40 CFR Part 372).

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, some of the information presented and conclusions drawn are derived from sources other than direct test data on the product itself and while Belzona Inc. believe such sources to be reliable, the information is provided without any warranty regarding its correctness.
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