

SAFETY DATA SHEET

PRODUCT CODE: 2081-BQTZ

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Deco-Zone Quartz
PRODUCT CODES: 2081-BQTZ

MANUFACTURER: The Garland Company, Inc.
STREET ADDRESS: 3800 East 91st. Street
CITY, STATE, ZIP: Cleveland, Ohio 44105

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8



INFORMATION PHONE: 800-762-8225
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PREPARED BY: Bill Belardo

DATE REVISED: 3-2-2016

SECTION 2: HAZARDS IDENTIFICATION

Hazard Overview

GHS Classification: Carcinogenicity (Category 1A), H350 Specific target organ toxicity - repeated exposure, Inhalation (Category 1), Lungs, H372

GHS Label Elements and Precautionary Statements:

Label Elements: Health Hazard



Hazard Statements:

Warning: May cause cancer.

Warning: Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P308 + P313 IF exposed or concerned: Get medical advice/ attention.
- P405 Store locked up.
- P501 Dispose of contents/ container to an approved waste disposal plant.

Other Non-classifiable potential hazards

Carcinogen category 2

POTENTIAL HEALTH EFFECTS

EYES:

MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.

SKIN:

MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.

INGESTION:

THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.

INHALATION:

NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT OR MUCOUS MEMBRANES..

HEALTH HAZARDS (ACUTE AND CHRONIC):

EPOXY RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATION OF VAPOR. EYES: INJURY IF UNLIKELY BUT STAIN FOR EVIDENCE OF CORNEAL INJURY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

CARCINOGENICITY

OSHA: NO NTP: yes IARC: yes

ADDITIONAL CARCINOGENICITY INFORMATION:

crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen. Titanium Dioxide is listed by IARC as possibly carcinogenic to humans (group 2B).

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
Pigments					
Proprietary Resins					
Iron Oxide	1309-37-1				
Crystalline Silica	14808-60-7	10mg/m3	.1mg/m3	.1mg/m3	95-97
Titanium Dioxide Pigment	13463-67-7	10mg/m3	10mg/m3	5mg/m3	< 1

SECTION 3 NOTES: **' indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

SECTION 4: FIRST AID MEASURES

EYES:

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:

PROMPTLY WASH WITH SOAP AND WATER. DO NOT WASH WITH SOLVENTS. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION:

EXPECTED TO BE SLIGHTLY TOXIC BY INGESTION. IF SWALLOWED, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY A PHYSICIAN. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS OR CONVULSING PERSON.

INHALATION:

MOVE PERSON TO FRESH AREA IF EFFECTS OCCUR. IF NEEDED, GIVE OXYGEN OR ARTIFICIAL RESPIRATION TO IMPROVE BREATHING. CONSULT PHYSICIAN.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (% by volume) UPPER: not available
LOWER: not available

FLASH POINT: not available

METHOD USED:

Not available

EXTINGUISHING MEDIA:

Not available

SPECIAL FIRE FIGHTING PROCEDURES:

Not available

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE KNOWN.

SECTION 6: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

DO NOT BREATHE DUST. DO NOT RELY ON YOUR SIGHT TO DETERMINE IF DUST IS IN THE AIR. SILICA MAY BE IN THE AIR WITHOUT A VISIBLE DUST CLOUD. AVOID CREATION OF RESPIRABLE DUST. DISPOSE WASTE MATERIAL IN A SANITARY LAND FILL OR AS REGULATED BY LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

AVOID CREATION OF RESPIRABLE DUST. TAKE PRECAUTION AGAINST BAG BREAKAGE.

OTHER PRECAUTIONS:

USE ADEQUATE VENTILATION AND DUST COLLECTION. TO MINIMIZE EXPOSURE, WEAR A RESPIRATOR APPROVED FOR SILICA DUST WHEN USING, HANDLING, STORING OR DISPOSING OF THIS PRODUCT. REFER TO THE MOST RECENT STANDARDS OF ANSI (Z88.2), OSHA (29 CFR 1910.134) MSHA (30 CFR PARTS 56 AND 57), AND NIOSH RESPIRATOR DECISION LOGIC. MAINTAIN, CLEAN AND FIT TEST RESPIRATORS IN ACCORDANCE WITH OSHA REGULATIONS

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

"PROVIDE ADEQUATE EXHAUST VENTILATION; USE A NIOSH - APPROVED RESPIRATOR IF PELS/TLVS ARE EXCEEDED"

VENTILATION :

LOCAL EXHAUST - TO MEET PEL REQUIREMENTS

MECHANICAL - ADEQUATE TO MEET PEL REQUIREMENTS

SPECIAL - NONE KNOWN

PROTECTIVE GLOVES:

RECOMMENDED

EYE PROTECTION:

RECOMMENDED

WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: VARIOUS COLORED GRANULES. NO ODOR.

BOILING POINT OR RANGE: 4046F

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H2O = 1): 2.65

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: INSOLUBLE

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Odor Threshold: N/A
pH: N/A
Melting point/freezing point: N/A
Vapor Pressure: N/A
Auto Ignition Temperature: N/A
Partition Coefficient: n-octanol/water: N/A
Decomposition Temperature: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

STABLE

CONDITIONS TO AVOID (STABILITY):

NONE KNOWN

INCOMPATIBILITY (MATERIAL TO AVOID):

HYDROFLUORIC ACID AND POWERFUL OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

NONE KNOWN

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY NO DATA AVAILABLE

INHALATION NO DATA AVAILABLE

DERMAL NO DATA AVAILABLE

SKIN CORROSION/IRRITATION NO DATA AVAILABLE

SERIOUS EYE DAMAGE/EYE IRRITATION NO DATA AVAILABLE

RESPIRATORY OR SKIN SENSITISATION NO DATA AVAILABLE

GERM CELL MUTAGENICITY NO DATA AVAILABLE

CARCINOGENICITY:

IARC: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.

NTP: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP. OSHA: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.

REPRODUCTIVE TOXICITY NO DATA AVAILABLE

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE NO DATA AVAILABLE

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE NO DATA AVAILABLE

ASPIRATION HAZARD NO DATA AVAILABLE ADDITIONAL INFORMATION

SECTION 12: ECOLOGICAL INFORMATION

No data for the product itself.

SECTION 13: WASTE DISPOSAL

WASTE DISPOSAL METHOD:.

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAW.

SECTION 14: Transport Information

DOT: NOT REGULATED

IMO/MDG: NOT REGULATED

SECTION 15: REGULATORY INFORMATION

SARA 302 COMPONENTS

NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.

SARA 313 COMPONENTS

THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313.

SARA 311/312 HAZARDS

NO SARA HAZARDS

MASSACHUSETTS RIGHT TO KNOW COMPONENTS

NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT.

PENNSYLVANIA RIGHT TO KNOW COMPONENTS

QUARTZ (SIO2) CAS-NO. 14808-60-7 REVISION DATE 1989-08-11

NEW JERSEY RIGHT TO KNOW COMPONENTS

QUARTZ (SIO2) CAS-NO. 14808-60-7 REVISION DATE 1989-08-11

CALIFORNIA PROP. 65 COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR ANY OTHER REPRODUCTIVE HARM.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

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N/A = Not Available
See Section 1 for date of preparation