

## SAFETY DATA SHEET

### POLYMER QUARTZ FILLER

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** POLYMER QUARTZ FILLER

**PRODUCT CODE:** #PSQTZFIL

**PRODUCT USE:** Filler for multi component epoxy trowel applied coating products

**MANUFACTURER**

DUDICK, INC.

1818 MILLER PARKWAY

STREETSBORO, OH, 44241

330-562-1970

**24 HR. EMERGENCY TELEPHONE NUMBER**

**CHEM-TEL (US Transportation):** (800)255-3924

**CHEM-TEL (International Transportation) :** +01(813)248-0585

#### 2. HAZARDS IDENTIFICATION

**CLASSIFICATION:**

Specific target organ toxicity - single exposure - Respiratory tract irritation - Category 3

Carcinogenicity - Category 1

Specific target organ toxicity - Repeated exposure - Damage to respiratory tract - Category 1

**GHS LABEL ELEMENTS:**



**SIGNAL WORD:** Danger

**HAZARD STATEMENTS:**

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

H350 May cause cancer.

**PRECAUTIONARY STATEMENTS :**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P202 Do not handle until all safety precautions have been read and understood.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local, regional, and federal regulations.

P264 Wash all contacted body parts thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

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### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Weight %	CAS Number
Quartz (Crystalline) Various Sizes	75% to 100%	14808-60-7

No further information available for this product.

### 4. FIRST AID MEASURES

**EYES:** Immediately rinse with water for a prolonged period while holding the eyelids wide open. Seek medical attention if material is embedded in eye. If eye irritation persists: Get medical advice and attention.

**SKIN:** Rinse immediately with plenty of water. Gently wash with plenty of soap and water. Obtain medical attention if irritation persists.

**INGESTION:** If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**INHALATION:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**NOTES TO PHYSICIAN:** No data available for this product.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** None known.

**SPECIFIC HAZARDS IN CASE OF FIRE:** Not flammable.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Precautionary measures fire: Fight fire with normal precautions from a reasonable distance. Protection during firefighting: Use normal individual fire protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Do not breathe dust. Avoid generation of dust during clean-up of spills. Wear suitable protective clothing, gloves and eye/face protection. Use recommended respiratory protection.

**ENVIRONMENTAL PRECAUTIONS:** No data available for this product.

**METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shovelling or sweeping. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up.

### 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Do not breathe dust. Avoid creating or spreading dust. Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Do not eat, drink or smoke in areas where product is used.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Store in a dry, cool place. Keep container tightly closed.

Incompatible materials: In finely divided state: reacts with (strong) oxidizers such as: hydrofluoric acid, chlorine trifluoride, oxygen difluoride, fluorine.

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## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS

Components	CAS	Limits
Quartz (Crystalline)	14808-60-7	ACGIH TLV; TWA .025 mg/m <sup>3</sup> NIOSH REL; TWA .05 mg/m <sup>3</sup>

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas. Avoid dust production.

### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

**EYES PROTECTION:** Protective goggles.

**SKIN PROTECTION:** Wear suitable protective clothing. Wash contaminated clothing before reuse.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Keep food and drink out of work areas.

**OTHER USE PRECAUTIONS:** No data available for this product.

**COMMENTS:** None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Powdered crystalline solid

**COLOR:** Varies

**FLASH POINT AND METHOD:** Not Determined.

**AUTO-IGNITION TEMPERATURE:** Not Determined.

**BOILING POINT/RANGE:** No data available for this product.

**MELTING POINT:** Not Determined.

**VAPOUR PRESSURE:** No data available for this product.

**VAPOUR DENSITY:** No data available for this product.

**SOLUBILITY:** Not determined.

**ODOR/THRESHOLD:** No data available for this product.

**LOWER / UPPER FLAMMABLE LIMITS:** No data available for this product.

**DENSITY:** 2.6630

**EVAPORATION RATE:** No data available for this product.

**PARTITION COEFFICIENT:** Not determined.

**pH:** Not Applicable.

**DECOMPOSITION TEMPERATURE:** Not determined.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available for this product.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID:** Avoid strong oxidizers; HF.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.

## 11. TOXICOLOGICAL INFORMATION

### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

#### ACUTE EFFECTS:

**EYE CONTACT:** May cause eye irritation. Corneal injury is unlikely.

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**SKIN CONTACT:** Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin irritation with local redness.

**INHALATION:** Repeated or prolonged exposure to respirable crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Acute silicosis can be fatal.

**INGESTION:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

**TARGET ORGAN:** Specific target organ toxicity (single exposure): May cause respiratory irritation.

Specific target organ toxicity (repeated exposure): Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (inhalation).

**CHRONIC EFFECTS:** Carcinogenicity: May cause cancer (inhalation).

Germ cell mutagenicity: Not classified

Reproductive toxicity: Not classified

**TOXICITY VALUES:** Not determined

## 12. ECOLOGICAL INFORMATION

### **PERSISTENCE AND DEGRADABILITY:**

Not readily biodegradable.

### **BIO-ACCUMULATIVE POTENTIAL:**

Not expected to bioaccumulate.

### **MOBILITY IN SOIL:**

Not determined.

### **OTHER ADVERSE EFFECTS:**

No data available for this product.

### **ECOTOXICOLOGICAL OTHER INFORMATION:**

No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** As supplied this product is not characteristic of a hazardous waste. Dispose of according to local, state, and federal regulations through a licensed disposal facility.

## 14. TRANSPORT INFORMATION

**UN NUMBER:** Not regulated.

**UN PROPER SHIPPING NAME:** Not regulated.

### **TRANSPORT HAZARD CLASS:**

Not applicable.

### **TRANSPORT HAZARD SUBCLASS:**

Not applicable.

**PACKING GROUP:** No data available for this product.

### **MARINE POLLUTANT Y/N:**

No

**SPECIAL PRE-CAUTIONS:** None

## 15. REGULATORY INFORMATION

### **U.S. REGULATIONS:**

All components of this product are listed on or exempt from the TSCA Inventory.

### **U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

#### **311/312 HAZARD CATEGORIES:**

**FIRE:** No

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**PRESSURE GENERATING:** No  
**REACTIVITY:** No  
**ACUTE:** Yes  
**CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:**  
**313 REPORTABLE INGREDIENTS**

Chemical Name	Weight %	CAS
Quartz (Crystalline)	75% to 100%	14808-60-7

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No data available for this product.

**STATE REGULATIONS:**

The following chemicals are California Proposition 65 reportable:

Chemical Name	CAS
Quartz (Crystalline)	14808-60-7

**Massachusetts Right To Know Components**

Chemical Name	CAS
Quartz (Crystalline)	14808-60-7

**Pennsylvania Right To Know Components**

Chemical Name	CAS
Quartz (Crystalline)	14808-60-7

**New Jersey Right To Know Components**

Chemical Name	CAS
Quartz (Crystalline)	14808-60-7

**OTHER GOVT. REGULATIONS:** No other information available

**16. OTHER INFORMATION**

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