



Safety Data Sheet
SAKRETE Ash Tray Sand (Off-White)
©Roberts Concrete Products (a TCC Materials company)
Version 1.1

Roberts Concrete Products
2025 Centre Pointe Boulevard, Suite 300
Mendota Heights, MN 55120-1221

Emergency Telephone Number:
651-688-9116
Information Telephone Number
651-688-9116

Revision Date
March 2016

Section 1: Product Identification

Product Names:

SAKRETE Ash Tray Sand (Off-White)

Section 2: Hazard Identification

The most immediate and likely hazards are from dust that is irritating to breathe. Prolonged overexposure to dust from the product is harmful to breathe, because it will contain crystalline silica.

Emergency Overview:



Signal Word:

DANGER

Hazard Statements:

May cause cancer. Causes damages to lungs through prolonged or repeated exposure via inhalation.

Applicable hazard statement based on crystalline silica content

Danger.

H350: May cause cancer from inhaling dust.

H372: Causes damage to respiratory system (silicosis) through prolonged or repeated exposure to inhaled dust.

This product has been evaluated according to GHS and 29CFR1910.1200, Appendix A. It is categorized as a Health Hazard Carcinogen Category 1A, because it contains crystalline silica (quartz).

Applicable Precautionary Prevention Statements:

Based on crystalline silica content

P201: Obtain special instructions before use.

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



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P260: Do not breathe dusts.
P270: Do not eat, drink or smoke when using this product.
P280: Wear eye protection.
P308+313/314. If exposed or concerns, or if you feel unwell: Get medical advice.
P501: Dispose of contents in accord with local regulations.

Target Organs: Respiratory system.

HMIS® Rating: Health: 1 Fire: 0 Reactivity: 0

*HMIS® is a registered trademark of the National Paint and Coatings Association
Key: 0= Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe*

Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage	CAS #
Crystalline Silica in the form of Quartz	..87-99.9%	14808-60-7

Section 4: First Aid Measures

Inhalation:

If irritation develops, get to fresh air.

Eye contact:

Contact may cause mechanical irritation and possible injury. Immediately rinse eyes: hold eyelids apart and flush eyes with plenty of water. At least fifteen minutes of flushing is recommended. Get prompt medical attention if irritation persists or for imbedded foreign body.

Skin Contact:

No adverse effects expected. Wash off with plenty of soap and water. Get medical attention should any persistent rashes or irritations occur.

Ingestion:

No adverse effects expected from normal, incidental ingestion. If large amounts are swallowed or if irritation occurs, get medical attention. Do not induce vomiting unless directed to do so by medical professional.

Symptoms of overexposure:

Inhalation: Breathing the dust may cause coughing, wheezing, sore throat.

Repeated exposure to the dust can cause a runny nose, chronic coughing and impaired lung function. Long term exposure to respirable crystalline silica in the dust can cause silicosis (lung scarring) and lung cancer.

Eye contact: Eye irritation from the mechanical effect.

Skin Contact: No adverse effects expected.



Note to physician: Treat according to symptoms. No known specific antidote.

Section 5: Fire Fighting Measures

Fire extinguishing media: Appropriate for surrounding materials. Product is not flammable.

Special fire fighting procedures: None.

Unusual fire and explosion hazards: None.

Hazardous combustion products: None expected.

Section 6: Accidental Release Measures

Contain and clean up. Avoid creating dust. Do not wash down drains or allow product to enter sewers.

Section 7: Handling and Storage

Avoid breathing dust.

Wash hands after use.

Do not eat, drink, or use tobacco products when handling any chemical products.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:

	OSHA PEL	OSHA 1989 PEL*	ACGIH TLV	NIOSH REL
Crystalline silica (quartz)	10 mg/m ³ (%silica+2)	0.1 mg/m ³ (respirable)	0.025 mg/m ³ (respirable)	0.05 mg/m ³

*For states that adopted the 1989 PEL revisions (Minnesota, Oregon, Washington, California)

Engineering Controls:

Avoid creating dust.

Local exhaust ventilation is usually not required.

Personal protective equipment

Respiratory protection: Usually not required when working with virgin product, but take measures to minimize dust exposure.

For protection against irritation from dust or up to ten times the recommended exposure limits, use a NIOSH-approved N-95 filtering facepiece or a half mask respirator



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equipped with N-95 filters. A more protective respirator (e.g., P100 filters or full face respirator) may be substituted.

Skin protection: Protective gloves are recommended.

Eye protection: Safety glasses with side shields. If used in dusty or windy conditions, goggles are recommended.

Other: Consumption of food and drink should be avoided in work areas where product is present. Always wash hands and face with soap and water before eating, drinking or smoking. Dusty clothing should be laundered before reuse.

Section 9: Physical and Chemical Properties

Appearance and odor:	Off-white color. No significant odor.
Flash Point:	Noncombustible. Fully oxidized, will not burn.
Flammable limits:	N/A
Boiling point:	4046°F (2230°C)
Melting point:	2930°F (1610°C)
Specific Gravity:	2.65 g/cm ³ (Water = 1)
Bulk density, aerated:	92-95 lb/ft ³
Bulk density, compacted:	98-100 lb/ft ³
Solubility in water:	Negligible < 0.1%
Percent volatile:	0%
pH:	Not applicable.
Evaporation rate:	Not applicable. Does not evaporate.
Evaporation rate (butyl acetate = 1):	Not applicable.

Section 10: Stability and Reactivity

Stability: Stable.

Conditions to avoid: Avoid generating dust.

Incompatibility: Contact with powerful oxidizing agents, such as fluorine, boron, trifluoride, chlorine trifluoride, manganese trifluoride and oxygen difluoride, may cause fires.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: Silica will dissolve in hydrofluoric acid and produce a corrosive gas - silicon tetrafluoride.

Section 11: Toxicological Information

Not considered acutely toxic.



Can damage the eyes and respiratory system.

Respirable crystalline silica is categorized as a Health Hazard Carcinogen Category 1A (known to have carcinogenic potential for humans) and a Health Hazard Specific Target Organ Toxicity – Repeated Exposure Category 1. Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. There is evidence that exposure to respirable silica or the disease silicosis is associated with an increased incidence of Scleroderma, tuberculosis and kidney disorders.

Crystalline silica is listed as carcinogenic according to IARC. ACGIH classified crystalline silica as a suspected human carcinogen.

Section 12: Ecological Information

Product is not expected to present an environmental hazard.

Ecotoxicity:

Not considered hazardous to the aquatic environment or to the ozone layer.

Persistence and degradability: Not likely to biodegrade.

Mobility in soil: No information available.

Bioaccumulation: Based on ingredients, not likely to bioaccumulate.

Section 13: Disposal Considerations

Do not sewer or dump on the ground

As provided, not a RCRA-regulated waste.

Dispose of in accordance with federal, state, and local regulations.

Section 14: Transportation

Not a DOT-regulated hazardous material. Not classified as dangerous goods for DOT, IATA, IMDG, TDG.

Section 15: Regulatory Information

This product contains 0.1% or more of crystalline silica, regulated under California Proposition 65 as a chemical known to the state of California to cause cancer or reproductive effects. It is on the New Jersey Right to Know Hazardous Substance List.

This product does not contain any

- chemicals regulated under:
CERCLA



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SARA 302 EHS
SARA 311/312
SARA 313

- Hazardous Air Pollutants

Section 16: Other Information

Additional information on the products is available at. www.tccmaterials.com

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