



## Technical Data Sheet - Sandblasting Sand

**EPOCOAT Product Name:** Sandblasting Sand

**Product Description:** Sandblasting Sand is a type of abrasive material used for surface preparation in a variety of industries. It is made from silica sand and is available in different grades depending on the desired surface finish.

### Chemical Composition:

- Silica (SiO<sub>2</sub>): 95-99%
- Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>): 0.5-2%
- Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>): 0.1-0.5%
- Other minor components: <0.5%

### Physical Properties:

- Appearance: Light brown to off-white
- Particle Size: Varies depending on grade (ranging from 0.1mm to 2mm)
- Specific Gravity: 2.65
- Melting Point: 1713°C
- pH: Neutral (7)

### Application:

Sandblasting Sand is commonly used for surface preparation in the following applications:

- Cleaning and stripping paint, rust, and other contaminants from surfaces
- Preparing surfaces for coating, painting, or welding
- Etching glass and other materials
- Removing burrs and other imperfections from metal parts and seek medical attention immediately.
- In case of skin or eye contact, flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.

## **Handling and Storage:**

- Store in a cool, dry, and well-ventilated area.
- Avoid inhalation of dust.
- Use appropriate personal protective equipment (PPE), such as a respirator, goggles, and gloves, when handling and using Sandblasting Sand.

## **Safety Information:**

- Sandblasting Sand can generate dust that may be hazardous to health if inhaled. Exposure to silica dust can cause silicosis, a lung disease that can be fatal.
- Always wear appropriate PPE when handling Sandblasting Sand, including a respirator, goggles, and gloves.
- Avoid inhalation of dust and contact with skin or eyes.
- If swallowed, seek medical attention immediately.

## **First Aid:**

- In case of inhalation, remove the affected person to fresh air and seek medical attention immediately.
- In case of skin or eye contact, flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
- If swallowed, seek medical attention immediately.

## **Disposal:**

- Dispose of Sandblasting Sand in accordance with local, state, and federal regulations. Do not dispose of in landfills or waterways.

## **Disclaimer:**

The information contained in this technical data sheet is based on our current knowledge and experience. However, no guarantee is made regarding its accuracy or completeness, and the user assumes all risks and liability in connection with its use. It is the responsibility of the user to comply with all applicable laws and regulations.