

Section 1: PRODUCT AND COMPANY IDENTIFICATION

J. R. GOSLEE COMPANY

1154 West Smith Road
Medina, Ohio 44256-2424
Company Phone Number: (330)725-4904

Product Name: R-20® Insulating Powder, Pulverize Clay

Chemical Family: N/A

Chemical Name: N/A

Section 1: HEALTH HAZARD DATA

Routes of Entry: Inhalation, Skin Contact, Eye Contact

Symptoms of Overexposure: Prolonged exposure to dusts may cause pneumoconiosis. Exposure to dusts can cause upper respiratory irritation of skin, eyes, and mucous membranes.

Prolonged exposure to Crystalline Silica may cause silicosis, a pulmonary fibrosis.

Prolonged exposure to Iron (III) Oxide many cause silicosis.

Carcinogenicity: Crystalline Silica Quartz is listed as a 2A Carcinogen by the IRAC.

Medical Conditions:

Aggravated by Exposure: Current respiratory conditions can be aggravated by exposure to dusts.

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>% by Wt.</u>
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Composition is Confidential/Trade Secret

Crystalline Silica Quartz	014808-60-7		<30%
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OSHA PEL: = .01mg/M³ ACGIH TLV: = .01mg/M³

The remainder of the ingredients are considered non-hazardous. The form of the material is powder/dust.

The OSHA PEL for dust /particulate is: Total Dust: = 15mg/M³
Respirable Dust: = 10mg/M³

Section 3: FIRST AID MEASURES

Eyes: Flush eyes thoroughly with clean, lukewarm water for 15 minutes. Seek medical attention.

Skin: Wash affected area with soap and water. If an irritation occurs, seek medical attention.

Inhalation: Remove to fresh air. Restore /support breathing as necessary. Seek medical attention.

Section 4: FIRE FIGHTING MEASURES

Flashpoint: N/A **LEL:** N/A **UEL:** N/A

Extinguishing Media: Material is noncombustible, use extinguishing media for surrounding fire.

Special Fire Fighting Procedures: Wear a self-contained breathing apparatus (SCBA) with full face piece, operated in pressure demand mode.

Section 5: SAFE HANDLING AND STORAGE

Handling: Avoid creating dusty conditions. Store in cool, dry well-ventilated area.

Spill or Leak Procedures: Avoid excessive generation of dust; wear appropriate respiratory protection. Use dustless cleanup procedures; ventilate affected area, scoop or vacuum material into suitable container for disposal or reclamation.

Waste Disposal: Follow federal, state and local regulations.

Other Precautions: Use good housekeeping practices to prevent dusty conditions.

Section 6: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form :	Dust
Color:	Red/Brown
Odor:	None
Boiling Point:	4105 ⁰ F
Melting Point:	N/A
ph:	10-12
Vapor Pressure:	Not Established
Vapor Density:	Not Established
Solubility:	Slightly Soluble
Specific Gravity:	3.5-4.5

Section 7: STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Does not occur.

Incompatibilities: Avoid strong oxidizers

Hazardous Decomposition Products: When heated above 900⁰C, SiO₂ will form cristobalite and tridimite which are active in causing silicosis when inhaled. May decompose in hydrofluoric acid to form SiF. May produce Iron Oxide fumes from heating.

Section 8: PERSONAL PROTECTION

Eye Protection: Wear safety glasses. Do not wear contact lenses.

Skin Protection: Wear gloves and/or arm guards if skin irritation occurs.

Respiratory Protection: Use NIOSH/MSHA approved dust/mist respirator.

Ventilation: Use local exhaust ventilation and mechanical (general) ventilation.

Section 9: TRANSPORT INFORMATION**Classification Data:**

DOT Information:	Shipping Name: Clay, Pulverized
DOT Hazard Class:	N/A
DOT Label:	N/A
DOT ID#:	N/A

Section 10: REGULATORY INFORMATION

OSHA Status:	N/A
TCSA:	N/A
RCRA:	N/A
SARA III:	N/A

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