Section I, Material Identification

Material Name: Hawthorn Bond Clay
Chemical Family: Al₂O₃
SiO₂ (quartz)
TiO₂

Section II, Ingredients and Hazards

Free Crystalline Silica (quartz) is present at a level of approximately 10% and has a TLV of 0.1 mg/m³ respirable dust as determined by the ACGIH. OSHA PEL is 0.1 mg/m³ for respirable dust over an eight hour shift.

Titanium Dioxide has an OSHA PEL of 5 mg/m³ for respirable dust over an eight hour shift.

Alumina (Al₂O₃) has an OSHA PEL of 5 mg/m³ for respirable dust over an eight hour shift.

(See Section VI for applicable Health Hazard Data).

Section III, Physical Data

Gray in color
No odor
Slightly soluble in water
Melting Point not applicable

Section IV, Fire and Explosion Data

Material is non-combustible.
Use extinguishing media appropriate for surrounding material.

Section V, Reactivity Data

This material is stable under ordinary conditions.
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Section VI, Health Hazard Data

Excessive inhalation of the dust from this product can cause silicosis and silica-quartz is a probable carcinogen. These are chronic slow developing diseases with symptoms usually delayed 10 years or more.

May irritate eyes, especially when wet.
Avoid contact with eyes.
Avoid repeated or prolonged contact with powdered material due to irritation.
First aid for eye contact is to flush with plenty of water for at least 15 minutes. Call physician if irritation persists.

Section VII, Spill, Leak and Disposal

Clean-up personnel need a NIOSH approved respirator (disposable variety) for protection from inhalation. Sweep spills and vacuum where necessary. Dispose of waste in an approved landfill in accordance with federal and local laws.

Section VIII, Special Protection Information

Provide adequate general ventilation. Provide workers with NIOSH approved dust respirators of the disposable variety when exposed to dust. Exposure levels over 100 times TLV (Section II) require air supplied respirators. Gloves and safety goggles should be worn when exposed to excessive dust.

Section IX, Special Precautions

Dust in the work area should be kept to a minimum and proper ventilation provided. Avoid inhalation of dust. Avoid eye contact with materials.

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