



Safety Data Sheet Geobond

Section 1– Product Information

Manufacturer's Name: Geo Research Assoc.
Emergency Telephone No: 804-769-3045
Address: P.O. Box 28, 1560 Rose Mount Road
Walkerton, VA 23177
Issued: February 1, 2010
Trade Name: **GeoBond**

Section 2– Hazards Identification

None Known: The product does not meet the criteria for hazardous substances. This product is a non-combustable, chemically inert mineral.

Threshold Limit Value: Mineral particulates are classified as nuisance dusts by the American Conference of Governmental Industrial Hygienist (ACGIH) in their 1983-1984 TLV List. This Material may contain 3-5% (Fine silt and sand) free silica. Use ACGIH Publication to determine appropriate TLV.

Effect of Overexposure: Repeated inhalation of excessive concentration of any dust, including this material may lead to lung injury.

Emergency and First Aid Procedures: N/A

Section 3– Composition

Chemical Name and Synonyms: Mixed MG, CO, AL Silicates
Family: Fuller's earth (Montmorillonite Clay and Diatomaceous Earth mixture)

<u>Component</u>	<u>CAS Number</u>	<u>Amount</u>
Fullers Earth (Montmorillonite)	8031-18-3	10%-95%
Diatomeceous Earth	61790-53-2	10%-90%

Section 4– First Aid Measures

Ingestion: If large amount of material is swallowed, seek medical attention.
Eye: Immediately flush eyes, under both the upper and lower lids with clean, cool water. If irritation continues get medical attention.
Skin: None required
Inhalation: Remove to fresh air.

Section 5– Firefighting Measures

This product is a non-combustable, chemically inert mineral.

Flash Point (method used): N/A-Product is not combustible.
Extinguishing Media: N/A-Use media that is appropriate for surrounding fire.
Special Firefighting Procedures: N/A-None required
Unusual Fire and Explosion Hazards: N/A-None required.

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Section 6– Accidental Release Measures

Steps to be taken in case material is release or spilled: Not a hazard. Sweep or scoop up and dispose.
Respiratory Protection (Specify Type): Dust Respirator in Compliance with NIOSH
Ventilation: Local exhaust
Protective Gloves: N/A
Eye Protection: Normal for dust
Other Protective Equipment: N/A

Section 7– Handling and Storage

Handling: Avoid inhaling dust. Wash clothes if they become dusty.
Storage: Store in a dry area.

Section 8– Special Protection Information

Respiratory Protection (Specify Type): Dust Respirator in Compliance with NIOSH
Ventilation: Local exhaust
Protective Gloves: N/A
Eye Protection: Normal for dust
Other Protective Equipment: N/A

Section 9– Physical and Chemical Properties

Family: Fuller's earth (Montmorillonite Clay and Diatomaceous Earth mixture)
Chemical Name and Synonyms: Mixed MG, CO, AL Silicates
Appearance: Grey granules
Physical: Solid

Section 10– Stability and Reactivity

Stability: Stable
Incompatibility: Do not use this material with vegetable oil, hydrofluoric acid, other unsaturated organic compounds, fish oil or turpentine as they may generate heat or fire.
Hazardous Decomposition: Extreme heat may generate sulfur dioxide
Hazardous Polymerization: N/A

Section 11– Toxicological Information

Both Diatomaceous Earth and Montmorillonite clay are considered generally safe (GRAS) by the FDA under CFR 573.340 and 582.1 respectively.

Section 12– Ecological Information

GeoBond does not constitute any Ecological Hazards

Section 13– Disposal

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

Section 14– Transport

Proper Shipping Name: Geobond

Hazard Class/Packing Group: n/a

Labels Required: n/a

This product is a non-combustable, chemically inert mineral.

Section 15– Regulatory

Both Diatomaceous Earth and Montmorillonite clay are considered generally safe (GRAS) by the FDA under CFR 573.340 and 582.1 respectively.

Section 16– Other Information