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Materials Safety Data Sheet

Product Name **AGA Claymat**

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Substance

Bentonite is an absorbent aluminium phyllosilicate consisting mostly of montmorillonite.

Composition

A simplified formula for montmorillonite is: $(OH)_2Al_2Si_4O_{10}$ or $Al_2O_3 \cdot 4SiO_2 \cdot H_2O$

Product Use

Bentonite filled liner for sealing water containment structures.

Hazard Identification

Primary Entry Routes: Inhalation, eyes and skin contact

This product is not expected to produce any unusual hazards during normal use.

Exposure to high dust levels may irritate the skin, eyes, nose, throat or upper respiratory tract.

Potential Health Effects

Airborne dust or direct contact may cause mechanical irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, seek medical attention. Direct, prolonged or repeated contact with the skin may cause irritation.

First Aid Measures

Eyes: In case of contact, do not rub or scratch your eyes. Flush thoroughly with water for 15 minutes to remove particles. If irritation persists, seek medical attention.

Skin: No adverse effects expected. Hand lotions may be used to treat dry skin. If it has become cracked, skin should be treated to prevent infection. If irritation persists, seek medical attention.

Inhalation: Remove persons to fresh air and keep away until symptoms subside. Other measures are usually not necessary. If conditions warrant, seek medical attention

Ingestion: This product is not intended to be ingested. No harmful effects expected if eaten. No specific recommendations. If gastric disturbances occur, seek medical attention.

First Aid Procedures

Skin Contact. Wash with water

Eye contact. Rinse immediately with water

Ingestion. If ingested may cause temporary irritation to the gastrointestinal tract, especially the stomach. No known effects. Obtain medical attention if ill-effects occur.

Accidental release or spill

No special precautions. Wear appropriate personal protection.

Clean up Use normal clean-up procedures. Wear appropriate protective equipment. Avoid dust generation. Maintain proper ventilation. If washed away this product may block drains.

Disposal

Follow all EA regulations. Never discharge large releases directly into sewers or surface waters. Trace amounts of residue can be flushed to a drain, using plenty of water.

Handling

Safe when handled under normal conditions. Minimize dust generation and accumulation. Avoid breathing dust. Wear the appropriate respiratory protection against dust in poorly ventilated areas. Wear the appropriate eye protection against dust. Use good safety and industrial hygiene practices.

Storage

Keep away from food and drink. Store in a dry location. Keep containers closed when not in use. ALWAYS KEEP OUT OF REACH OF CHILDREN

Environmental Toxicity

This product has no known adverse effect on the ecology

Corrosion hazards

None

Exposure controls

Wear suitable gloves, coveralls and face protection.

Fire fighting measures

Not applicable. Not expected to burn

The above information is accurate to the best of our knowledge. The user must meet all applicable safety and health standards. We do not suggest or guarantee that hazards listed here are the only ones which exist. The user has the sole responsibility to determine the suitability of the materials. The AGA Group do not undertake any liability for the use of our products or information.