

WASHINGTON MILLS

CERAMICS CORPORATION

MATERIAL SAFETY DATA SHEET

1.0 Chemical Product and Company Identification

Product Name: Duramedia TB

Product Identification: Fired Ceramic Mass Finishing Media

Chemical Name: CODIERITE AND ALUMINA

Company Name: Washington Mills Ceramic Corp.
165 King Street
Sun Prairie, WI 53590
(608) 837-5155 Fax (608) 837-0808

Emergency/Technical CHEMTREC: (716) 278-6763
(800) 424-9300

2.0 Composition/Information on Ingredients

<u>Component</u>	<u>CAS No.</u>	<u>OSHA Exposure Limits (PEL)</u>	<u>ACGIH Rec. Limits (TLV)</u>	<u>Percent By Weight</u>
Magnesium Aluminum Silicate	1302-88-1	N/A	N/A	64 - 100
Aluminum Oxide¹	1344-28-1	15 mg/m ³	10 mg/m ³	0 - 36

¹ Non-Fibrous form of aluminum oxide

3.0 Hazard Identification/ Potential Health Effects

Eye: Brittle ceramic – broken pieces may cause damage to eyes.

Skin: Not absorbed through the skin. May cause abrasions.

Ingestion: Not recommended. Ingestion would be difficult but if accomplished could cause choking.

Inhalation: Inhalation is virtually impossible as material is too large and is normally used wet, preventing dust generation.

Chronic Effects: Available information did not show any adverse health effects.

4.0 First Aid Measures

Eyes: Wash with large amounts of water. Get medical attention, if needed.

Skin: Wash with water. Obtain first aid or medical assistance if needed.

Ingestion: If swallowed, seek medical attention.

5.0 Fire Fighting Measure

Flammable Properties: Non-flammable
Flash Point: None **Fire/Explosion Potential:** None
Upper and Lower Flammable Limits: None
Autoignition Temperature: None
Special Fire Fighting Procedures: None

6.0 Accidental Release Measures

Personal Precautions: Wear protective equipment. See Section 8.

Cleanup Measures: Normal cleanup procedures. Dispose using standard landfill methods consistent with applicable Federal, State and Local laws.

7.0 Handling and Storage

Normal Storage: General storage, ambient air temperature and pressure.

Handling: No special precautions.

8.0 Exposure Controls, Personal Protection

Engineering Control: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below PELs or TLVs.

Respiratory Protection: Recommended if TLVs or PELs are exceeded. Use NIOSH/MSHA approved respirators.

Eye and Face Protection: Wear goggles if there is any possibility of eye contact.

9.0 Physical and Chemical Properties

Appearance: Blue ceramic in various shapes
Odor: Odorless **pH:** N/A
Boiling Point: >2000 °C **Melting Point:** >1100 °C
Flash Point: None **Explosive Properties:** None
Oxidizing Properties: None **Vapor Pressure:** N/A
Vapor Density: N/A **Specific Gravity:** 2.5
Water Solubility: Insoluble
Solubility in Other Solvent: Partially soluble in strong mineral acid

10.0 Stability and Reactivity

Chemical Stability: Stable **Incompatibility:** None
Polymerization: Will not occur **Conditions to Avoid:** N/A

11.0 Toxicological Information

Not Available

12.0 Ecological Information

Not Available

13.0 Disposal Considerations

Approved landfill in accordance with all local, state and federal regulations.

14.0 Transportation Information

US DOT - Not regulated as a hazardous material.

15.0 Regulatory Information

TSCA - The chemical components of this product are registered under the Toxic Substance Control Act (Title 40 CFR Part 710).

Prepared By: Margaret A. O'Brien,
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