

WASHINGTON MILLS

CERAMICS CORPORATION

MATERIAL SAFETY DATA SHEET

1.0 Chemical Product and Company Identification

Product Name: Duramedia 30-Y Tumbling Media

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

Component	CAS No.	OSHA Exposure Limits (PEL)	ACGIH Rec. Limits (TLV)	Percent By Weight
Magnesium Aluminum Silicate Aluminum Oxide ¹	1302-88-1	N/A	N/A	64 - 100
Zirconium Oxide	1344-28-1	15 mg/m ³	10 mg/m ³	0 - 36
	1314-23-4	5mg/ m3	5 mg/ m3	0 - 10

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: Yellow Ceramics 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

Manager, Environmental, Health & Safety

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Washington Mills Electro Minerals Corporation makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.

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).