

# MATERIAL SAFETY DATA SHEET

**Manufacturer:**  
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**Product Identification:**  
 Ceramic Tumbling Media # 1, 2, 3, 4, 6, 7, 8, 9, 9DA, 10

**Chemical Family:**  
 Alkaline Aluminum Silicate

**CAS Number:** 65997-18-4  
**Date Prepared:** Dec.21, 2009

## SECTION 1. MATERIAL IDENTIFICATION AND INFORMATION

	%	OSHA-PEL	AGGIH-TVL	OTHER LIMITS RECOMMENDED
Aluminum Oxide	10-65%	10mg/m3	10mg/m3	

## SECTION 2. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N.A.	Specific Gravity (H2O=1)	
Vapor Pressure (mm HG and Temperature)	N.A.	Melting Point	
Vapor Density(Air=1)	N.A.	Evaporation Rate	N.A.
Solubility in Water	Insoluble	Water Reactive	N.A.
Appearance and Odor	Odorless-Powder Or Granules		

## SECTION 3. FIRE AND EXPLOSION HAZARD DATA

Flash Point	Non-flammable		
Flammable Limits	None	LEL: None	UEL :None
Special Fire Fighting Procedures	None		
Unusual Fire and Explosion Hazards	None		
Extinguishing Media	None required		

## SECTION 4. REACTIVITY HAZARD DATA

Stability	
Stable	(X)
Unstable	( )
Incompatibility (Materials to Avoid)	N/A.
Hazardous Decomposition Products	N/A.
Hazardous Polymerization	N/A.

## SECTION 5. HEALTH HAZARD DATA

### Health Hazards

Threshold limit value: In the unlikely event that the wet wear residue resulting from use of this material becomes dry and airborne, it would be considered a nuisance dust with a TLV of 10mg/m<sup>3</sup>.

Signs and Symptoms of Exposure                      Irritation to nose, throat, or lungs.

### Emergency and First Aid Procedures

- Eye Contact                      Flush with clean water and see a physician if irritation persists.
- Skin Contact                      Wash and apply protective cream if desired. See a physician if condition persists.
- Inhalation                      Remove from the dusty area.
- Ingestion                      Significant ingestion should not occur. If it does, see a physician.

## SECTION 6. CONTROL AND PROTECTIVE MEASURES

Respiratory Protection- Specify Type                      NIOSH approved dust and/or fume control

Protective Gloves                      Optional

Ventilation                      Local exhaust

Other protective clothing and equipment                      Optional

Work/Hygienic practices                      Avoid creating and breathing dust

## SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to take if Material is released or spilled.                      Vacuum or scoop up and containerize

Waste Disposal Methods                      Dispose in accordance with Federal, State, and Local regulations

Precautions to be taken in Handling and Storage                      Avoid breakage of bagged material or spills of bulk material

Other Precautions and/or                      Good hygiene is very important-Wash thoroughly before eating and drinking.

Special Hazards                      Smoking is undesirable.

## SECTION 8. SUPPLIER INFORMATION

While Vibra Finish South LLC cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information, either alone in combination with other products. Users are advised to make their own test to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of products, whether used alone or in combination with other products.