

# SAFETY DATA SHEET



## AE900.21 FINE BLASTING GRIT FOR AE900

### 1. SUPPLIER

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### 2. APPLICATION

This grit is specifically for use with the SEALEY AE900 AIR ERASER KIT.

### 3. COMPOSITION/INFORMATION OF INGREDIENTS

CAS No:	CHEMICAL NAME	PERCENT (in % by weight)	EINECS/ELINCS	SAFETY DATA	HAZARD SYMBOL
1344-28-1	Aluminium Oxide	92 - 97.5%	215-691-6	S24/25	
13463-67-7	Titanium Oxide	1.5 - 3.8%	236-675-5	Xn R20/2122 R36/37/38 S26;S36	
1305-78-8	Calcium Oxide	<0.45%	215-318-9	C R34 S25;S26;S45 S36/37/39	

### 4. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW.

**CAUTION!** May cause irritation to skin, eyes, and respiratory tract.

**Target Organs:** Eyes, skin.

**Hazard Sorts:** Not available.

#### POTENTIAL HEALTH EFFECTS:

**Eye:** Dust may cause mechanical irritation.

**Skin:** Dust may cause mechanical irritation. Low hazard for usual industrial handling.

**Ingestion:** Ingestion of large amounts may cause gastrointestinal irritation.

**Inhalation:** May cause respiratory tract irritation. May cause lung damage.

### 5. FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

**Ingestion:** If victim is conscious and alert, give 2 to 4 cupfuls of milk or water. Never give anything by mouth to an unconscious patient. Get medical aid.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Get medical aid.

### 6. FIRE-FIGHTING MEASURES

**General Information:** Stable at ambient temperatures and atmospheric pressure. As in any fire, wear air fed, self contained, breathing apparatus, **MSHA/NIOSH** (approved or equivalent), and full protective gear.

**Extinguishing Media:** Substance is not combustible. Use agent most appropriate to extinguish surrounding fire.

### 7. ACCIDENTAL RELEASE MEASURES

**General Information:** Use proper personal protective equipment as indicated in section 9.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

### 8. HANDLING AND STORAGE

**Storage:** Store in a tightly closed container. Store in a cool, dry, well ventilated area away from incompatible substances.

**Handling:** Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimise dust generation and accumulation. Avoid prolonged and repeated exposure with skin. Avoid contact with eyes. Do not ingest or inhale.

### 9. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMIT:

**CAS#1344-28-1:** ---- OSHA-PEL 15mg/m<sup>3</sup> (Total Dust) ---- ACGIH-TLV 15mg/m<sup>3</sup> (Total Dust)

**CAS#13463-67-7:** ---- OSHA-PEL 15mg/m<sup>3</sup> (Total Dust) ---- ACGIH-TLV 10mg/m<sup>3</sup> (Total Dust)

**CAS#1305-78-8:** ---- OSHA-PEL 5mg/m<sup>3</sup> (Total Dust) ---- ACGIH-TLV 2mg/m<sup>3</sup> (Total Dust)

**Monitoring methods:** No information found.

**Engineering Controls:** Mechanical ventilation. Eye wash stations should be readily accessible.

#### PERSONAL PROTECTIVE EQUIPMENT:

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**9. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)**

**Skin:** Wear appropriate gloves to prevent skin exposure.  
**Clothing:** Wear appropriate protective clothing to prevent skin exposure.  
**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH / MSHA or European Standard EN149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.  
**Other protection:** Maintain good health habits and do not smoke in the work area.

**10. PHYSICAL & CHEMICAL PROPERTIES**

**Appearance:-** Brown powder.  
**Odour:-** Odourless.  
**PH:-** Not available.  
**Melting Point:-** Not available.  
**Boiling Point:-** Not available.  
**Molecular Formula:-** Not available.  
**Molecular Weight:-** Not available.  
**Specific Gravity / Density:-** Not available.  
**Saturated Vapour Pressure:-** Not available.  
**Octanol / Water Distribution Coefficient:-** Not available.

**Vapour Density:-** Not available.  
**Flash Point (C°) :-** Not available.  
**Viscosity:-** Not available.  
**Ignition Temperature (C°) :-** Not available.  
**Explosion Limits Lower:-** Not available.  
**Explosion Limits Upper:-** Not available.  
**Decomposition Temperature:-** Not available.  
**Major Use:-** Cleaning & polishing.  
**Solubility:-** Negligible

**11. STABILITY & REACTIVITY**

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Conditions to Avoid:** Incompatible materials.  
**Incompatible materials to avoid:** Strong acids, strong bases, Ethylene Oxide, halocarbons OF<sub>2</sub>, Sodium Nitrate, Vinyl Acetate.  
**Hazardous Decomposition Products:** Not available.  
**Hazardous Polymerization:** Will not occur.

**12. TOXICOLOGICAL INFORMATION**

**LD/50 / LC50:**  
**CAS#1344-28-1: LD50 >5000mg / kg [RAT-ORAL]**  
**CAS#1344-28-1: LD50 >10000mg / kg [RAT-ORAL]**  
**CAS#1305-78-8: LD50 500-2000mg / kg [RAT-ORAL]**  
**Carcinogenicity:** The product is not listed as a carcinogen by ACGIH, IARG  
**Sensitization Rate:** Not available.  
**Teratogenicity:** No information found.

**13. ECOLOGICAL INFORMATION**

**Ecological Toxicity:** Not available.  
**Ecological Degradation:** Not available.  
**Abiology Degradation:** Not available.  
**Aquatic Toxicity:** No data available.

**14. DISPOSAL CONSIDERATIONS**

**Consult appropriate authorities before disposing of this material.** Dispose of according to local authority regulations.  
**RCRA P-Series:** None listed.  
**RCRA U-Series:** None listed.

**15. TRANSPORT INFORMATION**

**UN:** Not available.  
**Packaging Sign:** Not available.  
**Packaging Category:** Not available.  
**Packaging method:** Plastic Drum  
**Shipping name:** Main Material  
**Shipping notice:** Not available.

**16. REGULATORY INFORMATION**

**Regulatory Information: Reference to the local, national and EU / international regulations.**

**Hazard Symbols:** C: Corrosive Xn: Harmful.  
**Safety Description:**  
**S25:** Avoid contact with eyes.  
**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**S36/37/39:** Wear suitable protective clothing, gloves and eye/face protection.  
**S36:** Wear suitable protective clothing.  
**S45:** In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).  
**Risk Codes:**  
**R20/21/22:** Harmful by inhalation, in contact with skin and if swallowed.  
**R34:** Causes burns.  
**R36/37/38:** Irritating to eyes, respiratory system and skin.

**17. OTHER INFORMATION**

**Notice to reader.**  
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.