

## MATERIAL SAFETY DATA SHEET

Product Identity: **RCBS POLISHING GRADE ALUMINA**

Product Stock Number: 87069

Works with Product Stock Numbers: Formula 1 Dry Media 87067

Formula 2 Dry Media 87068

Distributed by: Ammunition Accessories, Inc.

RCBS Operation

605 Oro Dam Blvd.

Oroville, CA 95965

Telephone #: (530) 533-5000

MSDS #:220

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Supersedes MSDS Dated: April 12, 1995

CHEMTREC #: 800-424-9300

### SECTION I - PRODUCT INFORMATION

TRADE NAME: RCBS Dry Media Polishing Alumina

CHEMICAL NAME & SYNONYMS: Polishing grade Aluminum Oxide

C.A.S.REGISTRY #: 1344-28-1

CHEMICAL FAMILY: Oxides of Aluminum

FORMULA: Al<sub>2</sub>O<sub>3</sub>

### SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>TLV LEVEL/PEL LEVEL</u>
Aluminum Oxide	1344-28-1	>99	10 mg/m <sup>3</sup> ACGIH TLV 5 mg/M <sup>3</sup> OSHA PEL 15 respirable dust

### SECTION III - PHYSICAL DATA

BOILING POINT (DEG F):NA

FREEZING/ MELT POINT (DEG C): 2000

VAPOR DENSITY (AIR=1): NA

SOLUBILITY IN WATER: Insoluble in water and organic solvents

PHYSICAL STATE (60 DEG F): Solid

PERCENT VOLATILE BY VOLUME: NA

VAPOR PRESSURE @ 20° C: NA

APPEARANCE & ODOR: White crystalline powder

SPECIFIC GRAVITY: ND

VISCOSITY: NA

EVAPORATION RATE (nBuAc=1):NA

MELTING POINT: NA

DENSITY: 2.7 – 3.8 g/cm<sup>3</sup>

pH: 8-10 (10% suspension)

NA = Not Applicable

ND = Not Determined

### SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA

AUTO IGNITION TEMP: NA

FLAMMABLE LIMITS IN AIR, % BY VOLUME: Non-combustible product.

EXTINGUISHING MEDIA: Use means suitable to extinguish surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: 10 mg/m<sup>3</sup> ACGIH TLV, 5 mg/M<sup>3</sup> OSHA PEL 15 respirable dust

PRIMARY ROUTE OF EXPOSURE: Inhalation.

EFFECTS OF OVEREXPOSURE (ACUTE):

EYE CONTACT: This substance may cause mechanical eye irritation.

SKIN CONTACT: May cause irritation to skin.

INHALATION: Low health risk by inhalation, treat as nuisance dust.

EFFECTS OF OVEREXPOSURE (CHRONIC): See above.

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Prior existing lung or respiratory illness.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops or persists.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If irritation persists, obtain medical attention.

CARCINOGEN CONTENT:

% PPM INGREDIENT	IARC No	NTP No	OSHA No
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**SECTION VI - REACTIVITY DATA**

STABILITY:  STABLE  UNSTABLE

CONDITIONS TO AVOID: Keep away from water.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION:  MAY OCCUR  WILL NOT OCCUR

**SECTION VII - SPILL & DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up using dry procedures, avoid dusting and collect in a suitable container for reclamation or disposal.

WASTE DISPOSAL METHOD: Disposal must be in accordance with Federal, State, and Local regulations. Not considered to be a Hazardous waste.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

CONSULT SAFETY EQUIPMENT DISTRIBUTOR

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respirator if TLV is or may be exceeded.

PROTECTIVE GLOVES: Gloves recommended for prolonged exposure.

EYE PROTECTION: Safety glasses or goggles are recommended.

PROTECTIVE CLOTHING OR FOOT WEAR: No special type indicated.

### SECTION IX - STORAGE & HANDLING PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep material dry. No special precautions.

PRECAUTIONS DURING USE: Do not breathe dust and avoid getting in eyes. Use with adequate ventilation. Wash hands before eating, drinking, or smoking after use of any chemical.

### SECTION X - TRANSPORTATION & REGULATORY INFORMATION

PROPER SHIPPING NAME: Not regulated  
IDENTIFICATION #: None

Class: None  
Label: None

HMIS Ratings	HMIS RATING KEY	PRODUCT NAME:	STOCK NUMBER
	4 Severe Hazard	RCBS Polishing Grade Alumina	87069
HEALTH 0	3 Serious Hazard	Component works with the following dry medias:	
FLAMMABILITY 0	2 Moderate Hazard	Formula 1 Walnut Shell Dry Media	87067
REACTIVITY 0	1 Slight Hazard	Formula 2 Corn Cob Dry Media	87068
Dust Mask	0 Minimal Hazard		

SARA III Section 313: This product does not contain any toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

SARA III Section 311: Immediate (Acute)

CERCLA, 40 CFR Part 302 Table 302.4: Not Listed. Section 302: Not listed.

California Proposition 65: This product does not contain any chemicals specifically on this list.

RCRA: Not regulated.

For chemical emergency, spill, leak, fire, exposure or accident call:  
Inside US: CHEMTREC: 1-800-424-9300. **DAY OR NIGHT**  
Outside US: CHEMTREC: 010-202-483-7616. **DAY OR NIGHT**

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