MATERIAL SAFETY DATA SHEET for 381621

Section 1: MATERIAL DESCRIPTION & COMPANY INFORMATION

PART#: 381621
Description: DryBlend Polishing Powder
Identity: Aluminum oxide polishing Powder
Chinese Name:干混抛光粉
Supplier: Yangzhou Gladwin Optical Tech. Co., Ltd.
Tel: +86-514-87101008

SECTION 2: COMPOSITION INFORMATION

Chemical name: alumina powder
Chemical formula: Alumina
Other designation: Polishing Powder

COMPONENT	CAS#	WT%	TOATL	RESPIRABLE	TOTAL	RESPIRABLE
ALUMINA	1344-28-1	79-90	10	5	10	5
ALUMINA NITRATE	13473-90-0	10-21	N/A	N/A	2	N/A

SECTION 3: HAZARDS IDENTIFICATION

See section 2 for exposure limits. This is believed to be a low health risk.
Inhalation: NIOSH approved respirator for dust, fumes, and mist is recommended for concentrations above 6mg/m3. Excessive exposure may cause, cough, mucus production, shortness of breath.
Ingestion: This material is not expected to be an ingestion hazard; no known human or animal health effects.
Eye contact: Safety goggles recommended. May cause eye irritation.
Skin contact: Rubber gloves recommended. May cause drying skin. Otherwise, this material is not expected to be a skin irritant; no known human or animal health effects.

SECTION 4: FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Immediately, obtain medical attention if breathing difficulty persists beyond 15 minutes.
Ingestion: If swallowed, obtain medical attention.
Eye contact: Rinse eyes with water for 20-30 minutes, retracting eyelids often. Obtain medical attention.
Skin contact: Wash off with plenty of water. If skin irritation persists, call a physician

SECTION 5: FIRE FIGHTING MEASURES

Flash point： n/a
Extinguishing：n/a
Explosive potential：n/a
Special procedures: Wear protective equipment to avoid contact with body or inhalation of mist or dust. Use self-contained breathing apparatus to avoid dust or fumes generated during fire fighting.
Flammable limits: n/a
Auto-ignition temp: n/a

SECTION 6: ACCIDENTAL RELEASE MEASURES

Product clean-up: Scoop up or absorb material
Disposal: Should be in accordance with all applicable local, state and federal laws and regulations. Consult your attorney or appropriate regulatory officials for information regarding disposal requirement.

SECTION 7: HANDLING & STORAGE

See sections 6&8

SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

Use with adequate ventilation to meet exposure limits as listed in Section 2. Where the exposure limit is or may be exceeded, use NIOSH approved respiratory protection. Selection of appropriate respirator (dust respirator) should be based on the actual or potential airborne contaminants and their concentrations present.

SECTION 9: PHYSICAL AND CHEMICAL PROPERITIES

Appearance:	white, Powder
Boiling point:	n/a
Melting point	n/a
Solubility in water:	n/a
Vapor pressure:	n/a
Volatiles by volume:	n/a
Evaporation rate:	n/a

SECTION 10: STABILITY & REACTIVITY

Not reactive with air, water, heat, and oxidizers
Non-corrosive

SECTION 11: TOXICOLOGICAL INFORMATION

TSCA 8(b): Listed or exempt

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL INFORMATION

Disposal: should be in accordance with all applicable, state and federal laws and regulations. Consult your attorney or regulatory official for information regarding disposal requirements.

SECTION 14: TRANSPORTATION INFORMATION

DOT shipping name,hazard class,ID.no.(if applicable):Not regulated.

SECTION 15: REGULATORY INFORMATION

Chemical substance components have been reported to the EPA office of toxic substances in accordance with the requirements of the toxic substance control act (Title 40 cfr part 710)

For purposes of SARA iii reporting, this substance contains no ingredients listed on the CERCLA, extremely hazardous, or section 313 lists.

Aluminum oxide is regulated by SARA section 311, 312 solely because it is required by OSHA hazard communication standard (29 cfr 1900 1200). However, none of the five hazard categories (SARA 311, 312) is appropriate for this product.

SECTION 16: OTHER INFORMATION

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