
SECTION 1: IDENTIFICATION

PRODUCT NAMES: Ceramic diamond grinder for zirconia
Ceramic silicon carbide grinder for alloy
Ceramic alumina grinder for alloy

PRODUCT I.D.
PREFIXES: ACA-, CCA-, CDZ-

COMPANY: Opa Dental, LLC
105 Whitaker Blvd
Huntington, WV 25701

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CHEMICAL NAMES: Aluminum oxide
Kaolinite
Silicon carbide

CHEMICAL FORMULAS: Al_2O_3
 $Al_2Si_2O_5(OH)_4$
SiC

PRODUCT USE: ceramic polishing, alloy polishing

SECTION 2: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Dust from grinding; into eyes, mouth; on skin

POTENTIAL HEALTH EFFECTS

EYES: Dust may irritate
SKIN: Dust may irritate
INGESTION: Dust may irritate
INHALATION: Dust may irritate

CARCINOGENICITY: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical composition	Percent (%)
Aluminum oxide	1-100
Kaolinite	1-100
Silicon carbide	1-100
Other carbon	1-100

SECTION 4: FIRST AID MEASURES

EYES: Wash eyes with large quantities of clean water for at least 15 minutes. In case of after-effects, call a physician

SKIN: Wash thoroughly with warm water.

INGESTION: Rinse with water. In case of after-effects, call a physician

INHALATION: Move person into fresh air

SECTION 5: FIRE-FIGHTING MEASURES**NFPA HAZARD CLASSIFICATION**

HEALTH: 1
 FLAMMABILITY: 0
 REACTIVITY: 0
 OTHER: 0

EXTINGUISHING MEDIA: Normal extinguishing media

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid discharge into drains or surface water. Normal clean up.

SECTION 7: HANDLING AND STORAGE

HANDLING: Only adequately trained personnel should handle this product. Keep out of reach of children.

Usual hygienic measures are necessary. When using, do not eat, drink, or smoke.

Provide adequate local ventilation or suction unit, especially in case of dust exposure.

STORAGE:

No special requirements for place of storage and containers.

No further indications necessary for storage, no restrictions for storage with other products.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate local ventilation.

Prepare material in proximity to an air suction unit.

Use a dust protection mask.

Avoid inhalation of dust.

Avoid dust built-up.

Safety eyewear necessary.

Kaolinite	OSHA Exposure limit (PEL): 15 mg/m ³ (Total Dust)
Silicon carbide	OSHA Exposure limit (PEL): 15 mg/m ³ (Total Dust)
Aluminum oxide	OSHA Exposure limit (PEL): 15 mg/m ³ (Total Dust)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green/grey/white discs, wheels, cones
Odor	odorless
Melting point	1700 C
Solubility	Not soluble in water

SECTION 10: STABILITY AND REACTIVITY

Material is stable
Material is non-reactive

SECTION 11: TOXICOLOGICAL INFORMATION

Cytotoxicity	none
Short-term systemic toxicity	none
Sensitization (delayed hypersensitivity)	none
Intracutaneous reactivity	none

SECTION 12: ECOLOGICAL INFORMATION

Non-hazardous

SECTION 13: DISPOSAL CONSIDERATIONS

Take to an approved landfill or waste incineration plant, under conditions approved by the local authorities. Take empty and contaminated containers to an approved landfill or waste incineration plant, under conditions approved by the local authorities.

SECTION 14: TRANSPORT INFORMATION

Non-hazardous, non-sensitive to temperature

SECTION 15: REGULATORY INFORMATION

Classification Name: WHEEL, POLISHING AGENT
Product Code: EJQ6
Device Class: 1
Regulation Number: 872.60107
Medical Specialty: Dental

SECTION 16: OTHER INFORMATION

Non-hazardous