

Section 1: Identification

PRODUCT IDENTIFIER: Zirconia Grinding Papers and Powders

CHEMICAL FAMILY: Abrasive

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
Customer No. 16568

MANUFACTURER: PACE Technologies
3601 E. 34th St., Tucson, AZ 85718S
Tucson, Arizona USA
Phone: +1 520-882-6598
FAX: +1 520-882-6598

Section 2: Hazard(s) Identification

GHS CLASIFICATION:	Not a hazardous substance or mixture
PICTOGRAM(s):	N/A
SIGNAL WORD:	N/A
HAZARD STATEMENTS:	N/A
PRECAUTIONARY STATEMENTS:	P261-Avoid breathing dust. P264-Wash hands thoroughly after handling. P337-P313-IF eye irritation persists: Get medical advice/attention. P501- Dispose of contents/container to Federal, State and Local Regulations

Section 3: Composition/Information on Ingredients

CHEMICAL	APPRX %	CAS Number
Zirconia	50-100	1314-23-4

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

Section 4: First-Aid Measures

EYES:	Irrigate with large amounts of water; obtain medical assistance, if needed.
SKIN:	Wash with soap and water; obtain medical assistance, if needed.
INHALATION:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
INGESTION:	If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
NOTES TO PHYSICIAN:	Not applicable.

Section 5: Fire-Fighting Measures

FLASH POINT (TEST METHODS):	Not applicable
FLAMMABILITY LIMITS IN AIR, % BY VOLUME:	LEL: N/A UEL: N/A
EXTINGUISHING MEDIA:	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Not applicable. Use NIOSH/MSHA approved SCBA and full protective equipment

Section 6: Accidental Release Measures

ACCIDENTAL RELEASE MEASURES:	Not applicable
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Section 7: Handling and Storage

NORMAL STORAGE AND HANDLING:	Handle with adequate ventilation for nuisance dust. See OSHA 29CFR1910-94 (Ventilation) and 29CFR1910-1000 (Air Contamination)
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NORMAL USE:	Same as above
STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:	Normal cleanup procedures. Respirators may be required.
WASTE DISPOSAL METHOD:	Standard landfill methods consistent with applicable Federal, State and local law.

Section 8: Exposure Controls/ Personal Protection

RESPIRATORY PROTECTION:	As needed, approved dust respirator. See OSHA 29CFR1910-134
VENTILATION:	Local: Recommended Mechanical (General): Recommended Other: NAIF
PROTECTIVE GLOVES:	As desired by user.
EYE PROTECTION:	Recommended. See OSHA 29CFR1910.133
OTHER PROTECTIVE EQUIPMENT:	NAIF
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT	See Section VII and VIII

Section 9: Physical and Chemical Properties

BOILING POINT:	N/A
MELTING POINT:	N/A
SPECIFIC GRAVITY (H₂O = 1)	N/D
% VOLATILES BY VOLUME	N/A

APPEARANCE AND ODOR	Various color depending upon grade
SOLUBILITY IN WATER (% BY VOLUME)	N/A
SOLUBILITY IN OTHER SOLVENTS	N/A
EVAPORATION RATE	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A

Section 10: Stability and Reactivity

STABILITY: Product is stable.

INCOMPATIBILITY (CONDITIONS TO AVOID): Inert

DECOMPOSITION PRODUCTS: Inert

HAZARDOUS POLYMERIZATION Will not occur.

CONDITIONS TO AVOID Inert

Section 11: Toxicological Information

INHALATION: Zirconia dust may irritate throat and respiratory system, may cause coughing..

SKIN CONTACT: Zirconia dust may irritate skin.

EYE CONTACT: Zirconia dust may cause irritation.

Potential Health Effects:

LOCAL EFFECTS: N/A

SENSITIZATION: N/A

CHRONIC TOXICITY: N/A

LONG TERM TOXICITY: N/A

SPECIFIC EFFECTS: N/A

Section 12: Ecological Information

MOBILITY: Not relevant

**PERSISTENCE/
DEGRADABILITY:** Not relevant

BIACCUMULATION: Not relevant

ECO-TOXICITY: This product is not expected to be toxic to the environment. Adopt sound working practices so that the product is not released into the environment.

Section 13: Disposal Considerations

Disposed of in accordance with appropriate government regulations.

Section 14: Transportation Information

DOT (CFR49): NOT REGULATED.

IATA (air): NOT REGULATED.

IMDG (ocean): NOT REGULATED.

HAZARD CLASSIFICATION: NON-HAZARDOUS.

PACKING GROUP: NOT REGULATED.

UN/NA CODE: NOT REGULATED.

Section 15: Regulatory Information

OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

**CERCLA-SARA
HAZARD CATEGORY:** This product has been reviewed, and is considered, under applicable definitions, to meet the following categories: NONE

SARA SECTION 313: This production contains the following substances subject to the reporting requirements of Section 313 and 40 CFR part 372: NONE

**TOXIC CONTROL
SUBSTANCES
CONTROL ACT:** The chemical substances in this product are on the TSCA Section 8 Inventory: NO COMPONENTS FOUND.

**NEW JERSEY RIGHT-
TO-KNOW:** The following materials are non-hazardous, but are among the top five component in this product:

Chemical Name: fillers and backing (non-hazardous)
CAS No. : none – mix

**PENNSYLVANIA
RIGHT-TO-KNOW:** The following non-hazardous ingredients are present in the product at greater than 3%:

Chemical Name: fillers and backing (non-hazardous)
CAS No. : none – mix

**CALRONIA
PROPOSITION 65:** No Proposition 65 chemicals known to exist in this product.

**VOLATILE ORGANIC
COMPOUNDS (VOCS):** 0 grams/ltr

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. CANADIAN WHMIS CLASS: NONE

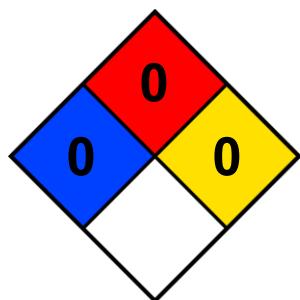
**COMPONENT RCRA
CLASSIFICATIONS:** Not regulated

**COMPONENT RCRA
CODES:** No information

**CERCLA RQ VALUE
(MINIMUM):** None known

Section 16: Other Information

16.1 NFPA 704



Top, Flammability: 0 – Minimal Hazard

Left, Health Hazard: 0 – Minimal Hazard

Right, Reactivity: 0 – Minimal Hazard

Bottom, Special Notice: N/A

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