

CERAMCO
MATERIAL SAFETY DATA SHEET
CERAMCO PRESS INGOTS

Issued on August 24, 2006

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Ceramco Press Ingots**
 PRODUCT CODE: 821811-821844, 822811-822844, 852811-852844, 821845-821848, 822845-822848, 852845-852848, **821849-821854; 822849 – 822854; 852849 – 852854**

MANUFACTURER/SUPPLIER: DENTSPLY Ceramco
 570 W. College Avenue
 York, PA 17405-0872
 USA
 Phone number: (717) 699-4190

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: Inorganic Porcelain Ingot

HAZARDOUS INGREDIENTS:

<u>Component</u>	<u>CAS No</u>	<u>Weight %</u>	<u>OSHA/PEL or TWA</u>	<u>ACGIH/TLV or TWA</u>
Sodium Potassium Aluminosilicate	Not Available	99.7-100	Not Established	Not Established Irritant
Tin Oxide	18282-10-5	0-0.3	Not Established	2 mg/m ³ Irritant

SECTION III - HAZARDS IDENTIFICATION

NFPA HAZARD DESIGNATIONS: Health: 1 (Slight)
 Flammability: 0 (Minimal)
 Reactivity: 0 (Minimal)

IMPORTANT HAZARD INFORMATION: Nuisance dust. If large amounts of dust exists, use an approved mask and ventilate area.

SECTION IV - FIRST-AID MEASURES

GENERAL INFORMATION: No special measures required.
 AFTER INHALATION: Supply fresh air. Consult doctor in case of symptoms.
 AFTER SKIN CONTACT: This product does not irritate skin.
 AFTER EYE CONTACT: Rinse opened eye for 15 minutes under running water. Consult doctor in case of symptoms.
 AFTER SWALLOWING: Consult doctor in case of symptoms.

SECTION V- FIRE-FIGHTING MEASURES

FIRE EXTINGUISHING AGENTS: Use fire fighting measures that suit the environment
 SPECIAL PROTECTIVE EQUIPMENT: No special protection required.

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSON-RELATED SAFETY PRECAUTIONS: Provide adequate ventilation. In areas of high dust concentration, wear an approved dust mask or respirator.
 ENVIRONMENTAL PROTECTION: No special measures required.
 MEASURES FOR CLEANING/COLLECTING: No special measures.
 ADDITIONAL INFORMATION: No additional information.

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SECTION VII - HANDLING AND STORAGE

INFORMATION FOR SAFE HANDLING: No special measures are required.
 PROTECTION AGAINST EXPLOSIONS/FIRES: No special measures are required. Product is non-combustible.
 STORAGE: Store in cool dry location.
 COMMON STORAGE FACILITIES: No special measures are required.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use general or local exhaust to meet ventilation requirements.
 EYE PROTECTION: Safety glasses are recommended. An eye bath and washing facilities should be available.
 SKIN PROTECTION: No special protection is required.
 RESPIRATORY PROTECTION: In areas of high dust concentration, use of an approved mask or respirator is recommended.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
 FORM: Ingot
 COLOR: Variable
 ODOR: None
 pH: Not Applicable
 MELTING POINT: >1400°C
 BOILING POINT: Not Applicable
 FLASH POINT: Not Applicable
 VAPOR DENSITY: Not Applicable
 AUTOIGNITION TEMPERATURE: Not Applicable
 DANGER OF EXPLOSION: Product is not explosive.
 FLAMMABILITY: Product is not flammable.
 VAPOR PRESSURE: Not Applicable
 DENSITY: 2.4 – 3.4 gm/cc @ 20°C
 SOLUBILITY/ MISCIBILITY: Insoluble in water (<0.1%)

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur.
 CONDITIONS TO AVOID: No known dangerous reactions.
 MATERIALS TO AVOID: No known incompatible materials.
 DECOMPOSITION PRODUCTS: No known decomposition products.

SECTION XI - TOXICOLOGICAL INFORMATION

CARCINOGENEITY: Not a known carcinogen
 ACUTE TOXICITY: None.
 CHRONIC TOXICITY: None.
 EFFECTS OF OVEREXPOSURE:
 SKIN CONTACT: No effect on skin.
 EYE CONTACT: Irritant.
 INHALATION: Nuisance dust.
 SENSITIZATION: No sensitizing effect known.

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SECTION XII - ECOLOGICAL INFORMATION

Not known to be hazardous to water.

SECTION XIII - DISPOSAL CONSIDERATION

PRODUCT DISPOSAL: Dispose in accordance with local, state, and federal regulations for disposal of solid waste.
CONTAMINATED PACKAGING: Dispose according to official regulations.
ADDITIONAL DISPOSAL INFORMATION: Local disposal regulations may exist.

SECTION XIV - TRANSPORT INFORMATION

Transportation is not restricted.

SECTION XV - REGULATORY INFORMATION

This material is not listed in EPA TSCA Inventory, Community Right-To-Know, or Genetic Toxicology Program.

SECTION XVI - OTHER INFORMATION

INTERNATIONAL RISK PHRASES: None.
INTERNATIONAL SAFETY PHRASES: 20, 22, 25

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.