

INTERNATIONAL TECHNICAL CERAMICS, INC.

Energy-Saving Ceramic Coatings and Kilns Fibre Modules • Kiln & Furnace Repair Products

ITC KILN REPAIR PRODUCTS

ITC 100 HT Ceramic Coating

USE: To save fuel and to repair and protect all kiln interiors made of brick, castable, fibre blanket or fibre board and burner blocks and burner tips. To minimize glaze sticking on kiln furniture, such as setters, slabs and pins.

PREPARE SURFACE: Remove all debris, loose particles, dust, etc. from interior walls, door, crown and grooves behind electrical elements. Vacuum if possible. Immediately before applying coating, dampen these areas by spraying lightly with water.

MIX: To one pint of ITC 100 HT add 1/2 pint of water and mix well. To one gallon of ITC 100 HT add 1/2 gallon of water and mix well.

APPLY: Using a spraygun, apply a thin coat on the dampened surface. A brush can be used, dipping the brush into water first each time. Spray or brush through elements. Spraying is preferable.

ITC 200 EZ Ceramic Repair

USE: Excellent for repairing broken, chipped or cracked brick or burner blocks, castable or fibre material and for filling in crevices.

PREPARE SURFACE: Apply ITC 100 HT as directed above.

APPLY: If necessary, thin with ITC 100 HT as prepared above. Using a spatula or similar tool, simply fill all cracks, holes, crevices and damaged areas, including areas behind electrical elements in need of repair. Allow to dry.

ITC 296A Ceramic Top Coating

USE: To obtain a higher degree of purity when firing porcelain, jewelry and other fine items. To further enhance kiln performance and to increase longevity of electrical elements.

PREPARE SURFACE: Apply ITC 100 HT and ITC 200 EZ as directed above.

MIX: To one pint of ITC 296A add 1/2 pint of water and mix well.

To one gallon of ITC 296A add 1/2 gallon of water and mix well.

APPLY: Fire at least twice after application of ITC 100 HT and ITC 200 EZ. Spray or brush entire surface, including elements. Spraying is preferable.

Mailing Address
P.O. Box 1726
Ponte Vedra, FL 32004

Research & Development Center
325 Mealy Drive, Mayport Industrial Park
Atlantic Beach, FL 32233

Material Safety Data Sheet

teproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910,1200, Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved



OSHA 174, Sept. 1985

OMB No. 1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or no ITC 296A information is evallable, the space must be marked to indicate that. Section ! Manufacturer's Name Emergency Telephone Number INTERNATIONAL TECHNICAL CERAMICS, INC 904-285-0200 Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information PO Box 1726 904-285-0200 Date Prepared JANUARY, 6th, 2004 Ponte Vedra FL 32004 Signature of Preparer (optional) Section II - Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) **ACGIH TLY** Recommended OSHA PEL % (optional) ITC 296A is made of non-toxic ceramic components. Section III -- Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H2O - 1) 4000°+ N/A Vapor Pressure (mm Hg.) Melting Point 5000°+ N/A Vapor Density (AIR = 1) Evacoration Pata N/A (Butyl Acetate = 1) Solubility in Water N/A Appearance and Odor Odorless ceramic paste Section IV - Fire and Explosion Hazard Data LEL UEL Flash Point (Method Used) Flammable Limits N/A N/A Extinguishing Media N/A Special Fire Fighting Procedures None, Material is used in high temperature applications. Inusual Fire and Explosion Hazards

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