MATERIAL SAFETY DATA SHEET
Cotronics Ceramic Adhesives
One Component

904 Zirconia Ceramic Adhesive
907 Mica Ceramic Adhesive
918 Silica Ceramic Adhesive
989 Alumina Ceramic Adhesive

MANUFACTURES NAME: Cotronics CORPORATION
3379 Shore Parkway Brooklyn, NY 11235
EMERGENCY TELEPHONE NUMBER: 718-846-7996

CHEMICAL NAME AND SYNONYMS: N/A Mixture
CHEMICAL FAMILY: Mica, Silica, Alumina, or Zirconia
CHEMICAL FORMULA: N/A
Refractory Ceramic Composition (See Type Above)
Proprietary Silicate, Phosphate, Alumina, Zirconia, Colloid Bond
All materials contained within are listed on the TOSCA inventory list.
HIMS Ratings: H=1, F=0, R=0

SECTION 2 HAZARDOUS INGREDIENTS
A. AS MANUFACTURED
   WT. %
   TVL/PEL
   REFRACTORY CERAMIC POWDER 20-30 5 mg/ Cu M
   REFRACTORY CERAMIC COLLOID 20-30 5 mg/ Cu M
   Water BALANCE
B. AFTER NORMAL USE SEE SECTION 8

SECTION 3 PHYSICAL DATA
AS Supplied Cured
Boiling Point (F) 212 N/A
Vapor Density (Air = 1) > 1 N/A
Specific Gravity Range (H₂O = 1) 1.5-3 1.2-2.5
Percent volatile by Volume 20-50 N/A
(%) Solubility in Water SOLUBLE INSOLUBLE
Evaporation Rate (H₂O = 1) 1 N/A
Appearance and Odor Creamy Paste No Odor. solid
Vapor Pressure (mm Hg) 0.2 - 1.2 N/A

SECTION 4 FIRE AND EXPLOSION HAZARD DATA
Extinguishing Media Flash Point (Method Used) Flammable Limit
N/A N/A N/A
Unusual Fire And Explosive Hazards Special Fire Fighting Procedures
Lethal N/A

SECTION 5 HEALTH HAZARD DATA
EFFECTS OF OVEREXPOSURE
Slight dermatological irritation after prolonged skin contact.
EMERGENCY AND FIRST AID PROCEDURES: Flush eyes and skin with copious quantities of water. Get immediate medical attention for eyes. swallowed, consult physician immediately.

SECTION 6 FIRE, EXPLOSIVE AND REACTIVITY DATA
STABILITY: Stable
Incompatibility (Materials to avoid): Powdered aluminum metal.
Hazardous Decomposition Products: None.
Hazardous Polymerization: Will Not Occur.

SECTION 7 SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Sweep up spilled powder and dispose in approved industrial waste container.
Hose spilled wet cement paste with water, immediately. Cement is not water soluble after setting up. Note Liquid is mild acid.
WASTE DISPOSAL METHOD: Approved industrial waste disposal means.

SECTION 8 SPECIAL PROTECTION INFORMATION
Respiratory Protection (specify Type): NIOSH approved
Respirators recommended for spray applications.
VENTILATION = LOCAL EXHAUST
Vacuuming with the vacuum exhaust passing through a high efficiency particulate arresting (HEPA) filter is the exhaust is discharged into the workplace.
PROTECTIVE GLOVES = Recommended EYE PROTECTION = Recommend OTHER PROTECTIVE EQUIPMENT = Rubber aprons, lab coats, etc. to protect clothing.

SECTION 9 SPECIAL PRECAUTIONS
Precautions To Be Taken In handling and storing: keep container closed and avoid getting wet until ready to use.
OTHER PRECAUTIONS: WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING. AVOID GETTING POWDER IN BODY OPENINGS, INCLUDING CUTS, SORES, MOUTH, ETC.

DATE PREPARED 11/01/85 DATE REVISED 8/31.