

**MATERIAL SAFETY DATA SHEET****Cotronics Ceramic Adhesives  
One Component**

904 Zirconia Ceramic Adhesive

Resbond 907 Mica Ceramic Adhesive

918 Silica Ceramic Adhesive

989 Alumina Ceramic Adhesive

**SECTION 1**

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.

HMS 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 (H <sub>2</sub> O = 1)	1.5-3	1.2-2.5
Percent volatile by Volume	20-50	N/A
(%) Solubility in Water	SOLUBLE	INSOLUBLE
Evaporation Rate (H <sub>2</sub> O = 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

Lel Uel 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.

\*(Reference 1984-85 ACGIH TLV Booklet, Page 34). Appropriate ventilation should be provided: protective equipment should be worn in compliance with OSHA standard currently 29 CFR 1910.1 (NIOSH approved, air purifying, half mask or full facepiece respirator with appropriate filter pad cartridge(s).

Disclaimer

The Information In This Document Is Believed To Be Correct As Of This Date. The Person Using This Product Assumes The Risk Of Incurring The Suitability Of Its Use And Safety.

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