

# MATERIAL SAFETY DATA SHEET

**Manufactures Name:** COTRONICS CORPORATION  
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**MMS-TC-Green, Blue, Red, Gold**

## SECTION ONE

**Chemical Name And Synonyms:** Modified Silicic Acid  
**Chemical Formula:** Proprietary, Mixture  
**TOSCA CAS Registry:** # 1344098,

## SECTION 2: PHYSICAL PROPERTY INFORMATION

**Boiling Point:** N/A  
**Vapor Density(Air=1) :** N/A  
**Solubility In Water:** Soluble  
**% Volatile (By Weight) :** Negligible  
**Specific Gravity (Water=1) :** 1.3 - 1.5  
**Vapor Pressure (mm Hg) :** No Data  
**Melting Or Freezing Point:** No Data  
**Appearance Odor:** Viscous Liquid,  
**Solids Content:** 30 - 50% By Weight Dispersed Solids  
**Evaporation Rate (Butyl Acetate=100, Non Aq. Liquids Only) :** N/A

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/A  
**Auto Ignition Temp:** N/A  
**Lower Explosion Limit (%) :** No Data  
**Upper Explosion Limit (%) :** No Data  
**Extinguishing Media:** N/A

## SECTION 4: HEALTH HAZARD DATA

### Effects Of Overexposure:

**Inhalation:** Mist or vapor can irritate the nose and throat.

**Eye Contact:** Irritating to eyes.

**Skin Contact:** Substance is moderately irritating to the skin.

**Ingestion:** Causes Irritation to esophagus and stomach.

**Delayed Effects:** No Known chronic hazards. Not listed by OSHA, NTP, or IARC as a carcinogen.

**Physical Hazards:** Dries to form glassy film which can cut skin. Spills are slippery.

**DATE PREPARED:** 11/01/85

**DATE REVISED:** 01/01/98

## SECTION 5: EMERGENCY AND FIRST AID PROCEDURES

**Inhalation:** Move subject to fresh air. Give artificial respiration if breathing has stopped.

**Eye And Skin Contact:** Flush eyes with a large amount of water for at least 15 minutes. Get prompt medical attention. Wash skin thoroughly with soap and water. Remove and wash clothing before reuse.

**Ingestion:** If swallowed dilute by giving 2 glasses of water to drink. See a physician. Never give anything by mouth to an unconscious person.

## SECTION 6: REACTIVITY INFORMATION

**Stability:** Stable.  
**Hazardous Polymerization:** Will not occur.

## SECTION 7: SPILL OR LEAK PROCEDURES

High pH of material can be harmful to aquatic life. If Spilled mix with water to neutralize fluid. If small quantity mop and flush to sewer with plenty of water. If large quantity isolate dike and store discharged material. Observe environmental protection regulations.

**Waste Disposal Methods:** Neutralize with dilute acid and landfill solids according to local state, and federal regulations. Flush neutral liquid to sewer with plenty of water.

## SECTION 8: SPECIAL PROTECTION INFORMATION

**Ventilation Type:** Normal room ventilation.

**Respiratory Protection:** None required if good ventilation is maintained. Wear respirator (MSHA/NIOSH approved or equivalent) suitable for concentrations and types of air contaminants encountered.

**Protective Gloves:** Impervious.

**Eye Protection:** Chemical splash goggles(ANSI Z-871 or approved equivalent).

**Other Protective Equipment:** Eyewash facility.

## SECTION 9: SPECIAL PRECAUTIONS

Store away from excessive heat (e.g., steam-pipes, radiators, from sources of ignition, and from reactive materials). Do not store near food or feed. Corrosive to copper and brass on long storage.

**Corrosive Material:** Avoid all eye and skin contact.

**Misc Info:** The use of this and auxiliary materials should be confined to designated work areas. Emptied containers may still contain hazardous residues.

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

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**HIMS RATING** Health = 1 Fire = 0 Reactivity = 0

**HAZARD RATING:** 0 = Insignificant 1 = Non-Toxic, Slight 2 = Moderate 3 = High 4 = Extreme