

**CTS INDUSTRIES, Inc.**  
**P.O. Box 12426**  
**Roanoke, Virginia 24025**  
**(540) 989-8570 / FAX (540) 989-8571**  
**Visit: [www.ctsindustries.us](http://www.ctsindustries.us)**

## **Material Safety Data Sheet**

### **Section I. IDENTIFICATION**

**Product Name:** CTS – Dust Binder  
**Synonym:** Wax Emulsion  
**Chemical Family:** Mixture  
**Formula:** Mixture

### **Section II. HAZARDOUS COMPONENT DATA**

**A. Component(s):** TLV CAS No. None  
**SARA Title III Hazard Class:** None  
**B. Precaution Label Statement(s):** None

### **Section III. PHYSICAL DATA**

**Appearance and Color:** WHITE LIQUID      **Melting Point:** Liquid  
**Boiling Point:** Above 212 f      **Solubility in Water:** Soluble  
**Specific Gravity:** 0.99      **Vapor Density:**  
**Vapor Pressure:** Less than water      **Volatile:** Water 72-76%  
**PH:** 8.0-9.4

**Weight:** 8.1 lbs./gal.

### **Section IV. FIRE EXPLOSION HAZARD DATA**

**Flash Point:** N/A  
**Extinguishing Media:** N/A  
**Special Fire and Explosion Hazards:** None Normal  
**Unusual Fire and Explosion Hazards:** None Normal

### **Section V. TOXICITY AND HEALTH DATA**

**A. Exposure Limits:** None Established  
**Threshold Limit Value (TLV):** None Established  
**OSHA Permissible Exposure Limit (PEL):**  
**B. Exposure Effects:**  
**Inhalation (Breathing):** None  
**Ingestion (Swallowing):** None Established  
**Eyes:** Not an Eye Irritant  
**Medical Conditions Aggravated:** None  
**Skin (Dermal):** Wash With Water  
**Note Physician:** None

### **Section VI. REACTIVITY OR CHEMICAL DATA**

**Stability:** Stable

Hazardous Decomposition Products: Incomplete Burning May Cause Carbon Monoxide

Hazardous Polymerization: None

Section VII. PERSONAL PROTECTION AND CONTROLS

- A. Respiration Protection: Not Necessary
- B. Ventilation: Recommended
- C. Skin and Eye Protection: Chemical Goggles or Face Shield. Impervious Gloves and Protective Clothing as Needed. Emergency Clothing as Needed
- D. Other Control Measures:

Section VIII. SPECIAL STORAGE AND HANDLING

Long-Term and Elevated Temperature Should be Avoided as Product is Biodegradable. Freezing May Cause Product to Separate. Shelf life 2 months

Section IX. SPILL, LEAK AND DISPOSAL PRACTICES

- A. Still, Leak or Release Procedures: Dike and Contain
- B. Waste Disposal Methods: Place in Appropriate Disposal Facility in Compliance With Local Regulations
- C. Reportable Quantity (RQ): None

Section X TRANSPORTATION

Dot Hazard Classification: Not Hazardous by DOT Regulations

DOT Label/Placards: N/A

UN or NA Number: N/A

Reportable Quantity: N/A

HMIS RATING

HEALTH: 0

FLAMMABILITY 1

REACTIVITY 0

PERSONAL PROTECTIVE RATING A

GOGGLES AND GLOVES ARE RECOMMENDED.

CONTAINS: PARAFFIN WAX AND FATTY ACID SOAP