

## OPTICAL SOLUBLE WAX

### 1 - IDENTIFICATION

**Manufacturer:** KerrLab  
**Address:** 1717 West Collins Avenue  
**City, State, Zip:** Orange, CA 92867  
**Telephone:** 1-800-KERR-123  
**24-Hour Emergency:** Chemtrec 1-800-424-9300  
**International 1-703-527-3887**  
**Date Prepared:** September 8, 2005

### 2 - HAZARDOUS INGREDIENTS

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Other Ingredients

All wax products contain mixtures of natural and synthetic paraffinic waxes and oils along with non-hazardous stabilizers and food grade colorants.

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** > 200 °C ( Decomposes )  
**Specific Gravity (H<sub>2</sub>O = 1):** 1.21  
**Vapor Pressure (mm Hg.):** N/A  
**Melting Point:** Softening Point by Ring and Ball Method ( ASTM E28-58T ) = 140 °F  
**Vapor Density (AIR = 1):** Nil  
**Solubility in Water:** Soluble  
**Reactivity in Water:** None  
**Appearance and Odor:** Very light yellow solid with mild odor

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 565 °F  
**Flammable Limits: LEL:** N/A **UEL:** N/A  
**Extinguishing Media:** Water spray, CO<sub>2</sub>, dry chemical  
**Special Fire Fighting Procedures:** None  
**Auto-Ignition Temperature:** N/A  
**Unusual Fire and Explosion Hazards:** None

### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Heat and moisture  
**Incompatibility (Material to Avoid):** Moisture  
**Hazardous Decomposition Products:** Oxides of carbon  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Eyes:** Contact with molten wax will cause thermal burns.  
**Skin:** Contact with molten wax will cause thermal burns.  
**Inhalation:** Avoid prolonged exposure to fumes produced when heated.  
**Ingestion:** This product is considered safe, when used according to directions.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No **OSHA Regulated:** No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Eyes:** Flush eyes with water for at least 15 minutes.  
**Skin:** Wash with soap and water.  
**Inhalation:** This product is considered safe, when used according to directions.  
**Ingestion:** Ingestion of small amounts of this material under normal conditions would not cause serious harmful effects.

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Sweep or wipe up with paper towels and dispose of in a suitable container.  
**Waste Disposal Method:** Dispose of in accordance with federal, state, and local regulations.  
**Precautions to be taken in handling and storing:** Store at normal room temperature (65 °F-75 °F).  
**Other precautions:** Use according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** Not needed  
**VENTILATION**  
**Local Exhaust:** Not needed  
**Mechanical (General):** Should be sufficient  
**Protective Gloves:** Gloves optional when working with molten material.  
**Eye Protection:** Safety glasses  
**Other Protective Clothing or equipment:** N/A  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - SHIPPING INFORMATION

Not DOT Regulated.

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H1 F0 R0  
**[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard;  
2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]**

**State RTK: California Proposition 65 Warning:** This product contains trace levels of Actaldehyde, 1,4-Dioxane and Formaldehyde known to the State of California to cause cancer and Ethylene Oxide known to the State of California to cause cancer, birth defects or other reproductive harm.