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## Material Safety Data Sheet

Enkaustikos! Wax Art Supplies

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### 1. Material/Product Identity

Enkaustikos Wax Medium

Manufacture Code Numbers 70128, 70129, 70148, 70149, 70150, 02306-2, 06306-6

Enkaustikos XD Wax Medium 70130, 70131, 02306X-2, 06306X-6

**Wax Medium and XD Wax Medium are blends of US Pharmaceutical Grade Beeswax and FDA approved damar gum.**

### 2. Hazardous Ingredients

Hazardous Components: None

Physical Hazards: This material may burn, but will not ignite readily. Keep away from all sources of ignition

NFPA Hazard Class: Health: 0 Flammability: 1 Reactivity: 0

### 3. Physical Data

Appearance: Solid

Color: Off white-light yellow

Solubility in water: negligible

Odor: none to slight-characteristic

Vapor Pressure (mm Hg): No data

Vapor Density (air+1): No Data

Boiling Point: >650 Deg. F, 343 Des C

Congealing Point: Typically 143 deg. C

Specific Gravity: approximately .96

Percent Volatile: Negligible

Bulk Density: approximately 5.5 pounds per gallon

### 4. Fire and Explosive Data

Flash Point: 590 deg. F (310.0 deg. C) Minimum

Flammable/Explosive limits (%) No Data

Auto ignition: No Data

Burn Rate (solids only) No Data

Flammable Properties: Flash Point: 590 Deg. F (310.0 deg. C) Minimum, OSHA

Flammable Class: Not regulated, LEL/UEL: No data, Auto ignition temperature: No data,

Burn rate (Solids): No Data

Extinguishing Media: dry chemical, foam, water, sand, or earth is recommended

Unusual Fire & Explosion Hazards: Material may Burn, but will not ignite readily

**5. Health Effects Data**

Eye Effects: Solid material is not expected to be an eye irritant; however, contact with molten wax may cause thermal burns. Vapors from molten wax may cause watering of the eyes. Skin effects: Solid material is not expected to be a skin irritant; however, skin contact with molten wax may cause thermal burns. No harmful effects from skin absorption are expected. Inhalations: Vapors emitted from molten wax are expected to have a low degree of irritation by inhalation. Ingestion: No Harmful effects expected. Human Effects of Overexposure: Effects of overexposure may include irritation of the nose and throat.

**6. Emergency and first Aid Procedures**

Eye Contact: if irritation or redness develops from exposure of fumes generated during hot-melt processing operations, move victim away from exposure and into fresh air. Flush eyes with clean water. If irritation or redness persists, seek medical attention. For contact with the molten material, gently open eyelids and flush affected eyes with cold water, seek immediate medical attention. Skin contact: For contact with molten material, leave material on skin and flush or immerse affected areas using cold water. Seek medical attention. Ingestion: If respiratory symptoms develop from exposure to fumes emitted by the molten material, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop. Oxygen should be administered by qualified personnel. See immediate medical attention

**Employee Protection Recommendations**

Eye Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended. A Source of clean water should be available in the work area for flushing eyes and skin. Skin Protection: Not normally required for solid material. The use of thermally-resistant gloves is recommended when there is a potential for exposure to molten wax. Respiratory Protection: No respiratory protection is required when working with the solid material. If airborne concentrations of wax fumes, generated from molten wax are expected, a NIOSH/MSHA approved air purifying respirator with a dust/mist/fume filter should be used. Protection provided by air purifying respirators is limited (see manufacture's respiratory selection guide). Use a positive-pressure-sir-supplied respirator if there is a potential for an uncontrolled release. exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. A respiratory-protection program that meets OSHA's 29 CFR 1910.34 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**7. Reactivity Data**

Stability: Stable under normal conditions of storage and handling.

Polymerization: Will not occur

Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion can yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

Conditions of Avoid all possible sources of ignition

**8. Accidental Release Measures**

This material may burn but will not ignite readily keep all sources of ignition away from spill/release. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems and natural waterways. Sweep up and package appropriately for disposal.

**9. Handling and storage**

Handling: Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice. Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition.

**10. Disposal Considerations**

This material if discarded as produced is not a RCRA "listed" or "Characteristic" hazardous waste. Use which results in chemical or physical change or contamination may subject it to hazardous waste regulations regarding the proper disposal of this material.

**11. Shipping data**

Hazardous class of Division: Not classified as hazardous

**12. Regulatory Information**

This material contains no chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372. These materials contain no chemicals subject to proposition 65. This material has not been identified as a carcinogen by NTP, IARC, OSHA. No EPA (CERCLA) Reportable Quantity

**13. Toxicological information**

Please refer to CIR review of fossil and synthetic waxes published in 1983

**Notice to Reader**

The information contained in this MSDS is based on data from sources considered to be reliable but we do not guarantee the accuracy or completeness thereof.