SAFETY DATA SHEET: WHITE CERESINE WAX

SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

APPLICABLE PART #: OP Series

IDENTITY: White Ceresine Wax

SUPPLIER: Universal Photonics, Inc.
85 Jetson Lane
Central Islip, NY 11722

FOR INFORMATION CALL
CUSTOMER SERVICE
(516) 935-4000

DATE PREPARED: August 5, 2015

EMERGENCY TELEPHONE NUMBER: 1-800-451-8346
E COMPANY

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: HEALTH: N/A
ENVIRONMENTAL: N/A
PHYSICAL: N/A

GHS LABEL: SYMBOLS: N/A
HAZARD STATEMENTS: None
PRECAUTIONARY STATEMENTS: Contact with molten wax may cause thermal burns.

SECTION 3: COMPOSITION INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>COMMON NAME</th>
<th>CAS #</th>
<th>WEIGHT</th>
<th>IMPURITIES/ADDITIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Ceresine</td>
<td>N/A Mixture</td>
<td>100%</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

EYES: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention

SKIN: For contact with molten material, leave material on skin and flush or immerse affected area(s) using cold water. Seek medical attention

INHALATION: If respiratory symptoms develop from exposure to fumes emitted by the molten material, move victim away from source 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. Seek immediate medical attention.

INGESTION: Solid material is not acutely toxic; however, if molten material is swallowed, seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FIRE & EXPLOSION HAZARD: This material may burn, but will not readily ignite.

EXTINGUISHING MEDIA: Dry chemical, foam, sand, water fog is recommended.
HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS SPILLED OR RELEASED: This material may burn but will not readily ignite. Isolate danger area and keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Wear appropriate protective equipment. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways.

SECTION 7: HANDLING & STORAGE

HANDLING: Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

STORAGE: Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles such as strong oxidizers. Store in ambient or lower temperatures. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect from physical damage.

SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

RESPIRATORY PROTECTION: No special precautions for normal use

SKIN PROTECTION: When handling in molten form, proper resistant clothing, gloves, and shoes must be worn.

EYE PROTECTION: When handling in molten form, proper eye shields are worn to prevent injury.

EXPOSURE LIMITS: None.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT: 400 degrees C

AUTO IGNITION TEMPERATURE: N/A

BOILING POINT: N/A

MELTING POINT: 57-77 degrees C

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A
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% SOLUBLE IN WATER: Insoluble in water. Soluble in organic solvents when warmed.

ODOR/APPEARANCE: White or yellow solid at room temperature.

PHYSICAL STATE: Solid at room temperature.

LOWER FLAMMABILITY LIMIT: N/A

UPPER FLAMMABILITY LIMIT: N/A

SPECIFIC GRAVITY: <1g/ml @ 20 degrees C

VISCOITY: 4-11 cSt @ 100 degrees C

pH: N/A

SECTION 10: STABILITY & REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid strong oxidizing agents. Thermal decomposition can produce a variety of products which may include oxides of carbon and nitrogen.

REACTIVITY: This Material is stable and unlikely to react under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

SIGNS AND SYMTPOMS OF OVEREXPOSURE: Nasal and throat irritation.

ACUTE EFFECTS:

   EYE CONTACT: Not expected to be an eye irritant.
   SKIN CONTACT: No harmful effects from skin absorption.
   INHALATION: Vapors emitted from molten wax are expected to have slight degree of irritation.
   INGESTION: No harmful effects are expected.

ACUTE TOXICITY VALUES: Low acute toxicity, studies publish an LD50 > 6000kg/day

SECTION 12: ECOLOGICAL INFORMATION

Bioaccumulation is not expected. This product is readily biodegradable.

SECTION 13: DISPOSAL INFORMATION

Recover if possible complying with the local and national regulations currently in force.
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SECTION 14: TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: N/A
Hazard Class: N/A
UN/NA Number: Not classified as dangerous in the meaning of transport regulations.
Packing Group: N/A

INTERNATIONAL MARITIME ORGANIZATION (IMDG): Not a maritime pollutant.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TOXIC SUBSTANCES CONTROL ACT (TSCA): All components of this product are included on the TSCA inventory.
CLEAN WATER ACT (CWA): Not hazardous.
CLEAN AIR ACT (CAA): Not hazardous.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III INFORMATION:
This product contains no toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

STATE REGULATIONS:
CALIFORNIA:
This product contains no chemical(s) known to the State of California to cause cancer, birth defects, or reproductive harm.

INTERNATIONAL REGULATIONS:

CANADIAN ENVIRONMENTAL PROTECTION ACT:
All of the components of this product are included on the Canadian Domestic Substances list (DSL).

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS):
This product has not been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

EUROPEAN INVENTORY OF EXISTING CHEMICALS (EINECS):
All of the components of this product are included on EINECS.

EU CLASSIFICATION: None.
EU RISK AND SAFETY PHRASES: None.

SECTION 16: OTHER INFORMATION

NFPA RATING:
Health: 0
Fire: 1
Reactivity: 0
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DEFINITIONS:

DOT – Department of Transportation
GHS – The Globally Harmonized System of Classification and Labeling of Chemicals
HMIS - Hazardous Materials Identification System
NFPA - National Fire Protection Association
NIOSH – National Institute for Occupational Safety and Health
NORM – Natural Occurring Radioactive Materials
IATA – International Air Transportation Association
IMO – International Maritime Organization
OSHA – Occupational Safety & Health Administration
TSCA – Toxic Substance Control Act

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