

## MATERIAL SAFETY DATA SHEET: BEESWAX

### SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

APPLICABLE PART #: **OP9025, OP9026, OP9067, OP9067K**      IDENTITY: **Beeswax (White or Yellow, Refined or Commercial)**  
**OP9068, OP9068K, OP9069K**

SUPPLIER:            **Universal Photonics, Inc.**  
                          **495 West John Street**  
                          **Hicksville, NY 11801**

FOR INFORMATION CALL  
CUSTOMER SERVICE      **(516) 935-4000**  
DATE PREPARED:        **July 23, 2012**

EMERGENCY TELEPHONE NUMBER:                    **1.866.519.4752**                    **3-E COMPANY - ACCT # 3665**

### SECTION 2: COMPOSITION INFORMATION

PHYSICAL COMPONENTS	WT %	ACGIH TLV	OSHA PEL
Esters	70	NA	NA
Hydrocarbons	13	NA	NA
Fatty Acids	12	NA	NA
Fatty Alcohol	4	NA	NA
Other	1	NA	NA

### SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY:        NA

EYE:                        NA

SKIN CONTACT:        NA

INGESTION:              NA

INHALATION:            NA

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:        NA

### SECTION 4: FIRST AID MEASURES

EYES:                      **NA**

SKIN:                      **Molten wax will cause burn when in contact with skin. Flush with cold water and seek medical attention.**

INHALATION:            **If overcome by fumes. Remove from exposure and call a physician**

INGESTION:              **NA**

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### SECTION 5: FIRE FIGHTING MEASURES

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: **400°F**

FIRE & EXPLOSION HAZARD: **Potential combustible dust if flaked or powdered.**

EXTINGUISHING MEDIA: **Dry chemical and CO<sub>2</sub> for small fires. Use foam for large fires.**

FIRE FIGHTING PROCEDURES: **Move exposed containers from fire area if possible. Use water to keep fire exposed containers cooled. Fire fighters should wear proper equipment and self-contained breathing apparatus with full faceplate.**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS SPILLED OR RELEASED: **Caution. Combustible. Spilled material is slippery.**

**Soak up with absorbent materials such as paper, rags or sawdust; sweep up solidified materials.**

### SECTION 7: HANDLING & STORAGE

HANDLING: **Use with caution around heat. Sparks, static electricity and open flame.**

STORAGE: **Store in cool dry well ventilated storage area. Do not store near oxidizing agents or strong acids.**

SHELF LIFE: **2 years under normal conditions.**

### SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

RESPIRATORY PROTECTION: **Use a respirator if handling molten product for fumes.**

SKIN: **Apron or lab coat.**

HANDS: **Gloves**

EYE PROTECTION: **Avoid contact with eyes. Wear splash goggles or face shield.**

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	> 500°F	SPECIFIC GRAVITY	0.92 – 0.97
pH	NA	MELTING POINT	143 - 149°F
VAPOR DENSITY	N/A	FLASH POINT	> 464°F
SOLUBILITY IN WATER	Insoluble	APPEARANCE & ODOR	Solid wax. White/Yellow, odor characteristic of wax.

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### SECTION 10: STABILITY & REACTIVITY

STABILITY: **Stable.**

INCOMPATIBILITY: **Avoid excessive heating, strong oxidants and strong acids.**

### SECTION 11: TOXICOLOGICAL INFORMATION

INGESTION: **LD<sub>50</sub> 5g/kg**

SKIN IRRITATION: **o irritation potential**

EYE IRRITATION: **ild irritation potential**

### SECTION 12: ECOLOGICAL INFORMATION

**Not hazardous under OSHA Hazard Communications. Complies with 29 CFR 1910.1200 nor does it contain any chemicals listed in Proposition 65 of the California Regulatory Notice Register 93 Vol. No. 53-Z**

### SECTION 13: DISPOSAL INFORMATION

DISPOSAL METHOD: **Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Dispose in an appropriate manner that complies with local and federal regulations.**

### SECTION 14: TRANSPORTATION INFORMATION

**N/A**

### SECTION 15: REGULATORY INFORMATION

CTFA/INCI Name: **Beeswax**  
CAS#: **8006-40-4 White Beeswax**  
CAS#: **8012-89-3 Yellow Beeswax**  
Japanese Name Source: **Beeswax/JSCI**  
EEC #: **901**  
FDA Approved Under Regulation 21 CFR 184.1973 and 21 CFR 184.1975

### SECTION 16: OTHER INFORMATION

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