



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
Ph: 503-653-1155  
info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0

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## 1. Product and Company Identification:

Product: Sunflower Wax

Item Code: 99151

Distributor: Shay and Company

Emergency Phone: 503-653-1155, Monday through Friday 9am to 4pm

## 2. Hazard Identification:

GHS Classification:

Health	Environmental	Physical
N/A	N/A	N/A

GHS Label:

**Symbols:** not applicable

**Hazard Statements:** None

**Precautionary Statements:** Contact with molten wax may cause thermal burns

## 3. Composition/Information on Ingredients:

Ingredient Deck: Helianthus Annus Wax

CAS Number: 8001-21-6

EC Number: 232-273-9

Impurities/Additives: None

## 4. First Aid Measures:

**Eye:** 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 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. Seek immediate medical attention.



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

#### **5. Fire Fighting Measures:**

Suitable Extinguishing Media: CO<sub>2</sub>, foam, sand, water fog is recommended.

Unusual Fire and Explosion Hazards: This material may burn, but will not ignite readily.

Combustion Products: N/A

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0  
Flammability: 1  
Reactivity: 0

#### **6. Accidental Release Measures:**

This material may burn but will not ignite readily.

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. Not considered to be hazardous to the environment.

Cleanup molten wax mechanically under supervision is advised.

#### **7. Handling and Storage:**

##### **Handling**

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

Avoid dust formation

##### **Storage**



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

#### **8. Exposure Controls/Personal Protection:**

Exposure Limits **NONE**

##### **Personal Protective Equipment (PPE)**

**Eye Protection:** When handling in molten form, proper eye shields are worn to prevent injury

**Skin Protection:** When handling in molten form, proper resistant clothing, gloves, and shoes must be worn.

**Respiratory Protection:** No special precautions for normal use

#### **9. Physical and Chemical Properties:**

**Appearance:** Yellow solid at room temperature

**Upper Flammability Limit:** N/A

**Lower Flammability Limit:** N/A

**Vapor Pressure:** N/A

**Odor Threshold:** N/A

**Vapor Density:** N/A

**pH:** N/A

**Specific Gravity:** < 1g/ml @ 20oC

**Melting Point:** 75 - 80 °C

**Solubility:** Insoluble in water. Soluble in organic solvents when warmed

**Boiling Point:** N/A

**Flashpoint:** ~ 250oC

**Flammability:** Not flammable

**Partition coefficient:** Not determined

**Auto ignition Temperature:** N/A

**Decomposition temperature:** N/A

**Viscosity:** not determined

#### **10. Stability and Reactivity:**

**Reactivity:** This material is stable and unlikely to react in a hazardous manner under normal conditions of use.

**Chemical Stability:** Stable under normal conditions. Avoid strong oxidizing agents.

**Hazardous Reactions:** Avoid strong oxidizing agents.



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**Decomposition Products:** Thermal decomposition can produce a variety of products which may include oxides of carbon and nitrogen.

#### **11. Toxicological Information:**

**Acute Effects:** No hazardous effects known

**Eye Contact:** Not expected to be an eye irritant

**Skin Contact:** No harmful effects from skin adsorption.

**Inhalation:** Vapors emitted from molten wax are expected to have slight degree of irritation

**Ingestion:** No harmful effects are expected.

#### **Acute Toxicity Values**

CIR Review of Natural Waxes published in 2005.

FDA: GRAS (Generally Recognized As Safe)

#### **12. Ecological Information:**

Bioaccumulation is not expected. This product is natural and considered to be readily biodegradable.

#### **13. Disposal Considerations:**

Recover if possible complying with the local and national regulations currently in force.

#### **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

**IATA:** Not regulated International

**Maritime Organization (IMDG):** Not a marine pollutant

#### **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



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**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 chemicals(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 (R) and Safety (S)

**Phrases:** None

16. Other Information:

n/a

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.