

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product: SoyMax M124B

Company: CandleScience  
1247 Person St.  
Durham, NC 27703

Product Type: Wax

For information or emergencies call: 1.888.266.3916

**SECTION 2. HAZARDS IDENTIFICATION**

CLASSIFICATION ACCORDING TO HCS 2012 (29 CFR PARTS 1910, 1915, AND 1926):

Signal Word:

**NOT APPLICABLE**

Hazard Statement:

Unlikely to cause eye or skin irritation in solid state. May cause breathing difficulties if molten wax fumes/mist is inhaled. Wax temperature may be hot during/after processing. Surfaces coated with product are slippery. Excessive inhalation may affect nose, throat and lungs.

Precautionary Statements:

**Prevention:**

Avoid breathing wax fumes/mist.

**Response:**

If in contact with eyes, rinse eyes with water for several minutes.

**Storage:**

Keep containers tightly closed. Use and store this wax in a cool, dry, well ventilated area away from heat and all sources of ignition. Store only in approved containers. Protect containers against physical damage.

**Disposal:**

Dispose of contents/container in accordance with local/national laws and regulations.

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENT**

Hazardous components	CAS No.	Weight %
Soybean oil, hydrogenated	8016-70-4	0 - 100

**SECTION 4. FIRST AID MEASURES**

Inhalation: Remove the affected person to fresh air. If recovery is not rapid, seek medical attention.

## Skin contact:

Hot melted wax can cause serious burns. Wash the affected body parts with soap and warm water. Administer first aid procedures and seek medical treatment.

## Eye contact:

If irritation or redness develops from exposure to fumes generated during hot-melt processing operations, move victim away from exposure into fresh air. Check for and remove any contact lenses. Flush eyes with clean water for at least 5 minutes while holding the eyelids open. If irritation persists, seek medical attention.

## Ingestion:

Do not induce vomiting. First aid is not normally required for the solid wax material; however, if molten material is swallowed, seek immediate medical attention. If adverse health effects follow, seek medical attention.

## Most important symptoms:

**Inhalation:** Overheated wax can produce fumes which may be an irritant when inhaled. If respiratory symptoms develop from exposure to fumes emitted by the molten wax, 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.

**Skin Contact:** Sensitive individuals may experience dermatitis after prolonged exposure.

**Ingestion:** No known significant or critical hazards.

**Eye Contact:** May cause light irritation to eyes

## Indication of immediate medical attention:

In contact with or splashed by HOT molten liquid:

**Skin Contact:** Cool the skin immediately with cool water. Treat burns according to their severity. To avoid damage to the skin no attempt should be made to remove wax firmly adhering to the skin. In case of circumferential burns splitting of the wax ring may be considered to prevent tourniquet effects. Obtain medical attention immediately. Never try to remove the material with solvents.

**Eye Contact:** Cool the area immediately with cold water. For contact with molten material, gently open eyelids and flush affected eyes with cold water. Obtain medical attention immediately and seek the advice of an ophthalmologist.

## SECTION 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:** Foam, carbon dioxide, dry chemical, water jet or spray.

**Unsuitable extinguishing media:** None

**Specific hazards:** During fire, gases hazardous to health may be formed.

### Special fire fighting procedures:

Wear self-contained breathing apparatus for firefighting. Move containers from fire area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective equipment and clothing during clean-up.

**Environmental precautions:**

Dispose of in accordance with local regulations.

**Methods and materials for containment and cleaning up:**

Soak up with inert absorbent material (e.g. sand, silica gel, vermiculite). Keep in suitable and closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling:**

No special handling

**Conditions for safe storage, including any incompatibilities:**

No special storage

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines:****Appropriate Engineering Controls:****Ventilation:**

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

**Personal Protective Equipment:****Eye protection:**

Ensure that eyewash stations and safety showers are close to the workstation location.  
Chemical resistant goggles must be worn.

**Hand protection:**

Wear chemical resistant gloves suitable for this material as determined by a hazard assessment. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Skin and body protection:**

Wear protective clothing suitable for this material as determined by a hazard assessment.

**Respiratory protection:**

Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, where indicated or required by the exposure assessment. Selection of air-purifying or positive-pressure supplied air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the actual or potential airborne concentrations. The type of cartridge or filter to be used must be selected and approved for the chemical, class, or classes of chemicals likely to be encountered in the workplace. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

**General hygiene considerations:**

Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing and protective

equipment before entering eating areas. Wash hands before breaks and immediately after handling the product.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid
Color:	White to off white at ambient temperature
Odor:	Characteristic
Odor threshold:	N/A
pH:	Neutral
Melting point:	97°F - 175°F
Boiling point:	>570°F
Flashpoint:	>260 °C      >500 °F
Evaporation Rate (Butyl Acetate = 1):	N/A
Flammability (solid, gas):	Gas may be combustible at high temperature
Upper lower flammability or explosive limits:	N/A
Vapor density (Air=1):	N/A
Vapor pressure:	N/A
Specific gravity (H2O=1):	0.857 - 0.912
Solubility in water:	Not soluble
Solubility in other solvents:	N/A
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Kinematic viscosity:	N/A
Dynamic viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A
Refractive index:	N/A

## SECTION 10. STABILITY AND REACTIVITY

### Chemical stability:

The product is stable and non-reactive under normal conditions of use, storage and transport.

### Possibility of hazardous reactions:

Material is stable under normal conditions.

### Conditions to avoid:

Heat, flames and sparks. Temperature extremes and direct sunlight.

**Incompatible materials:**

Strong oxidizing agents. Strong acids. Strong Bases.

**Hazardous decomposition products:**

No hazardous decomposition products are known.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity:**

N/A

**Acute dermal toxicity:**

N/A

**Acute inhalation toxicity:**

N/A

**Skin corrosion/irritation:**

Unlikely to cause skin irritation. Long or repeated contact with skin may cause dermatitis in certain sensitive individuals. Hot molten product may cause thermal burns.

**Serious eye damage/eye irritation:**

Unlikely to cause eye irritation. Hot molten product may cause thermal burns and severe corneal damage.

**Respiratory or skin sensitization:**

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapors may irritate the breathing passages and lungs.

**Mutagenicity:**

N/A

**Reproductive toxicity:**

N/A

**Carcinogenicity:**

N/A

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## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Not likely to cause any environmental hazards, however spillage into the environment should always be avoided.

**Persistence and Degradability:**

N/A

**Bioaccumulation:**

N/A

**Other Adverse Effects:**

N/A

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal instructions:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations:**

Dispose in accordance with all applicable regulations.

**Hazardous waste code:**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues/unused products:**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging:**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14. TRANSPORT INFORMATION**

<b>IATA UN Number:</b>	N/A
<b>IATA UN Proper Shipping Name:</b>	Not regulated as dangerous goods.
<b>IATA Transport Hazard Class:</b>	N/A
<b>IATA Packing group:</b>	N/A
<b>IATA Environmental Hazards:</b>	N/A
<b>IATA ERG Codes:</b>	N/A
<b>IATA Special Precautions:</b>	N/A
<b>IATA Other Information:</b>	N/A
<b>IMDG UN Number:</b>	N/A
<b>IMDG UN Proper Shipping Name:</b>	Not regulated as dangerous goods.
<b>IMDG Transport Hazard Class:</b>	N/A
<b>IMDG Packing Group:</b>	N/A
<b>IMDG Environmental Hazards:</b>	N/A
<b>IMDG EMS:</b>	N/A

IMDG Special Precautions: N/A

IMDG Transport in Bulk: N/A

## SECTION 15. REGULATORY INFORMATION

### California Proposition 65 List:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## SECTION 16. OTHER INFORMATION

The information and recommendations contained in this data sheet represent, to the best of CandleScience's knowledge and belief, an accurate and reliable representation as the known data for this material. Since the conditions for use, handling, storage and disposal of this product are beyond CandleScience's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.