



Shay and Company
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SAFETY DATA SHEET

Version: 1.0

Revision Date: 05/26/2015

1. Product and Company Identification:

Product: Stearyl Palmitate

Item Code: 99384

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Skin Contact: Contact with molten wax may cause thermal burns

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: Stearyl Palmitate

CAS no: 2598-99-4

Hazardous Ingredient/s: n/a

4. First Aid Measures:

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.

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.

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



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5. Fire Fighting Measures:

Suitable Extinguishers: Dry chemical, foam, sand, water fog is recommended.
Extinguishers Not to be Used: none
Hazardous Decomposition Products: none
Special Fire Fighting Procedures: This material may burn, but will not ignite readily.

6. Accidental Release Measures:

Personal Precautions: none
Environmental Precautions: none
Clean Up Procedure: Sweep up and dispose of according to local regulations. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.
Storage Requirements: Keep in a dry, sealed container
Temp. Max: n/a
Temp. Min: n/a

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Respiratory Protection: Use with adequate ventilation
Eye Protection: Wear safety glasses
Skin Protection: When handling in molten form, proper resistant clothing, gloves, and shoes must be worn.

9. Physical and Chemical Properties:

Description: White to off white solid wax at room temperature
Melting Point: 25-30°C/77-86°F
Boiling Point: N/A
Flashpoint: >330°F
Solubility in Water (by weight): Insoluble in water. Soluble in organic solvents when warmed



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10. Stability and Reactivity:

Condition to Avoid: None

Materials to Avoid: Strong oxidizing agents

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

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Routes of Entry:

Oral: None

Derma: Non-toxic

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

Skin: Non-toxic

Eye: Mildly irritant

Acute Toxicity Values

The acute oral toxicity of this material is expected to be greater than 5 g/kg.

The acute dermal toxicity of this material is expected to be greater than 2 g/kg.

12. Ecological Information:

General Information: No data available.

13. Disposal Considerations:

Handling Precautions: None

Method of Disposal: Dispose of accordance with local regulations.

Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

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



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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 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.