



SAFETY DATA SHEET

Issue Date 29-Jul-2015

Revision Date 29-Sep-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name EVA HOT MELT

Other means of identification

Product Code 61-1025
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use No information available.
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address
Worthen Industries, Inc

Manufacturer Address
3 E. Spit Brook Road
Nashua, NH 03060

Emergency telephone number

Company Phone Number 1-800-WORTHEN (967-8436)
Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

Label elements

Emergency Overview

Appearance White opaque **Physical state** Solid pellets **Odor** No information available

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

May be harmful if swallowed May be harmful in contact with skin Harmful to aquatic life with long lasting effects

Unknown acute toxicity 75% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Mixture

Common name Hot melt pellets.

Chemical Name	CAS No.	Weight-%	Trade Secret
Paraffin Wax	8002-74-2	24-28	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Eye contact	Molten material will cause severe eye damage if contact occurs. Fumes from molten material may cause some irritation if adequate ventilation is not used.
Skin contact	Immediately submerge burned skin area in cold clean water. Do not attempt to pull away solidified material adhering to skin. Seek medical attention.
Inhalation	Not an expected route of exposure. Remove from exposure, lie down.
Ingestion	Not an expected route of exposure. If appreciable quantities are swallowed, seek medical attention.
Self-protection of the first aider	Avoid contact with skin. Use personal protection recommended in Section 8.

Most important symptoms and effects, both acute and delayed

Symptoms	Inhalation of molten fumes may cause headache if ventilation is inadequate. Burns may occur if molten material comes in contact with unprotected skin.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

CO₂, dry chemical, dry sand, alcohol-resistant foam.

Small Fire	Dry chemical or CO ₂ .
Large Fire	Foam, CO ₂ , Dry Chemical, Water, Fog, Other.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Cooling with water will solidify the material very rapidly. No unusual fire and explosion hazards are known.

Hazardous combustion products Thermal decomposition may emit toxic fumes, including carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

Use personal protective equipment as required.

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

Personal precautions If material is molten, use heat protective gloves. If solid, use standard chemical handling procedures.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions See Section 13 for additional disposal information.

Methods and material for containment and cleaning up

Methods for containment If molten, cool with water to solidify. Normal housekeeping for solid material.

Methods for cleaning up Pick up and transfer to properly labeled containers.

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

Advice on safe handling Normal housekeeping for solid material. Clean machinery of resolidified material with solvent, taking care to eliminate all heat and spark sources.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store at room temperature.

Incompatible materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Guidelines This product as supplied contains hazardous materials with occupational exposure limits established by the regional specific regulation authorities.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Paraffin Wax 8002-74-2	TWA: 2 mg/m ³ fume	(vacated) TWA: 2 mg/m ³	TWA: 2 mg/m ³ fume

Appropriate engineering controls

Engineering Controls Safety eye baths and showers should be nearby in work area. General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment should be explosion proof.

Individual protection measures, such as personal protective equipment

Eye/face protection Use safety eyewear designed to protect.

Skin and body protection Wear heat resistant gloves if handling molten material.

Respiratory protection Use local exhaust to keep exposures to a minimum.

General Hygiene Considerations Handle all chemicals with caution and care. Always wash hands before eating, smoking, or using toilet facilities. As with all chemicals, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid pellets	Odor	No information available
Appearance	White opaque	Odor threshold	No information available
Color	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	0.99 g/cc	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

Not applicable
No data available

Chemical stability

Stable.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known.

Hazardous Decomposition Products

Fumes produced when heated to decomposition may include Carbon Monoxide and Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	May irritate eyes and skin upon contact.
Inhalation	Inhalation of molten fumes may cause headache if ventilation is inadequate.
Eye contact	Solid material will have no effect. Molten material can irritate and burn if in direct contact.
Skin contact	Molten material will cause intense skin burns as would any other molten thermoplastic material.
Ingestion	If ingested, molten polymer will burn the internal organs severely. Solid material, if ingested, will cause no damage at all.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin Wax 8002-74-2	> 3750 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Solid material has no effect. Molten material will burn intensely. If personal contact with molten material produces a burn, see a physician or burn center immediately.
Serious eye damage/eye irritation	Solid material will have no effect. Molten material can irritate burn if in direct contact.
Corrosivity	None.
Sensitization	Repeated or prolonged contact may cause allergic reactions in very susceptible persons.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document . mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Some % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Octadecyl-3-(3,5-di-tertbutyl-4-hydroxyphenyl)-propionate 2082-79-3	30: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Lepomis macrochirus mg/L LC50 static 100: 96 h Lepomis macrochirus mg/L LC50	100: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of wastes**

Normal disposal for solid waste as might be used for other plastic materials such as polyethylene. Dispose of in accordance with all local, state and federal regulations.

Contaminated packaging

No information available.

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard No
 Chronic Health Hazard No
 Fire hazard No
 Sudden release of pressure hazard No
 Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Paraffin Wax 8002-74-2	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal protection B

Prepared By Worthen Industries, Inc.
 Issue Date 29-Jul-2015
 Revision Date 29-Sep-2015
 Revision Note

No information available

Disclaimer

The data set forth in these sheets are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Worthen Industries makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereon.

End of Safety Data Sheet