

Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200 Standard must be
Consulted for specific requirements

U.S. Dep. of Labor
Occupational Safety and Health Admin.
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Product Identity (as used on label & list)

HMIS/NFPA HAZARD
ID SYSTEM

Section I: Identification

Manufacturers Name:	Emergency Telephone Number	Health:	1
Address:	Tel/Fax Numbers for Information	Flammability:	1
	Date Prepared:	Reactivity:	1
	March 30, 2015	Personal Protection:	B
	Signature of Preparer (optional):		

Section II: Hazards Identification

Emergency overview

Color	Clear or Colored
Physical State	Solid
Odor	Slight Hydrocarbon when warm
OSHA/HCS Status	This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Hazard Statement	This product can cause burns when exposed to skin at elevated temperatures.
Routes of Entry	Eyes, Skin, Ingestion, Inhalation

Potential acute health effects

Inhalation	None expected
Ingestion	None at room temperature
Skin	Molten component can cause burns
Eyes	Hot fumes may cause irritation

Section III: Composition/Information on Ingredients

Chemical Name	CAS #	% Weight	% Volume	Listed Carcinogen
Ethyl cellulose	9004-5-73	see note	see note	No
Mineral Oil	647-42525	see note	see note	No
Castor Oil	8001-79-4	see note	see note	No
Soya Oil	8013-07-8	see note	see note	No
Refined Wax	64742-43-4	see note	see note	No

Note: percentages not provided in order to protect trade secret formula under HCS 2012 (i)(1).

Section IV: First Aid Measures

Eye Contact	If exposed to fumes or smoke, flush eyes immediately with water followed by removing contact lenses if applicable and repeating rinse. Get medical attention if irritation persists.
Skin Contact	Not hazardous other than when hot and molten. If molten liquid contacts skin then treat as an oil burn.
Inhalation	Respiratory irritation not expected unless the product is heated to a point of fuming. If fumes are inhaled removed immediately to fresh air and get prompt medical attention.
Ingestion	Non-hazardous but rinse mouth and do not induce vomiting if swallowed. Get prompt medical attention if swallowed.
Protection of Responders	No unusual precautions are necessary.

Section V: Fire Fighting Measures

Appropriate Extinguishing media	Dry chemical, CO ₂ , alcohol-resistant foam, H ₂ O fog
Fire Fighting Precautions	Keep untrained personnel away from the fire. Soak thoroughly with appropriate extinguishing media and keep cool to prevent reigniting.
Special Protective Equipment for Fire Fighters	Wear positive pressure self-contained breathing apparatus and protective fire fighting clothing.
Hazardous Thermal Decomposition Products	Smoke and fumes generated from fire or combustion may contain but not necessarily limited to NO _x , CO ₂ and CO.

Section VI: Accidental Release Measures

Spills or Leaks	Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and watercourses by diking or impounding. Recover and place into appropriate containers for recycling or disposal according to local, state and federal laws.
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Section VII: Handling and Storage

As a solid, avoid contamination by keeping in closed containers. Keep away from incompatible materials.

Section VIII: Exposure Controls/Personal Protection

This material will be utilized in a molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes and eye shields must be worn to prevent injury. Use molten material in well-ventilated area. When working in confined areas or areas without adequate ventilation use appropriate respiratory equipment.

Section IX: Physical and Chemical Properties

Softening Point	246 F	Boiling Point	> 700 F
Flash Point	395 F	Specific Gravity (H ₂ O = 1)	1.032
Vapor Pressure	< 0.1 mmHg	Evaporation Rate	Negligible
Solubility in Water	< 1 ppm	Appearance and Odor	100% solid, wax odor

Section X: Stability and Reactivity

Stability	Unstable	Conditions to avoid: Dipping in excess of flash point
	Stable	X
Incompatibility (materials to avoid):	Strong acids and alkalis	
Hazardous decomposition or byproducts:	None known	
Hazardous	May Occur	Conditions to avoid: Dipping in excess of F.P.
Polymerization	Will Not Occur	X

Section XI: Toxicological Information of ingredients

Ingredient	ROE	Carc	LD50	LC50	TLV/TWA	Mutagen	Repr	Neuro	Tera
Ethyl cellulose	S,E,I	No	>5000 mg/kg			N/A	No	No	No
Mineral Oil	S,E,I	N/A	>2000 mg/kg	5.7 mg/l	N/A	N/A	N/A	N/A	N/A
Castor Oil	S,E,I	N/A	>5000 mg/kg	N/A	N/A	N/A	N/A	N/A	N/A
Soya Oil	S,E,I	No	N/A	N/A	N/A	No	No	No	No
Refined Wax	S,E,I	No	N/A	N/A	2 mg/m ³	No	No	N/A	No

Section XII: Ecological Information

Bio-Toxicity (plants/animals)	Not expected
Aquatic Toxicity	Not expected
Soil Mobility	Product is solid at temperatures below 100 F
Degradability	Product is completely biodegradable

