

ECOGREEN SPA 140

1. Product and Company Identification				
Shamrock M.E.D, LLC. 20917 Wild Flower Drive Gulf Port, MS 39503 Phone: 228-314-0474 Fax: 228-266-6553	(24-Hr Emergency Response):		International +1 (228) 918-5577	
	Poison Control		(800) 222-1222	
	Non-emergency Customer Service		(228) 314 0474	
Synonyms:	Vegetable Wax, High Melt Vegetable Wax			
Chemical Family:	Vegetable Wax			
Recommended Use:	Asphalt Additive			
Restrictions on Use:	Asphalt Binder Only			
HCSDS Creation Date:	October 16, 2013			
HCSDS Revision Date:	October 16, 2013			
2. Hazards Identification				
HMIS Ratings (Scale of 1 to 4)	Health: 1	Fire: 1	Reactivity: 1	Other: N/A
NFPA Ratings (Scale of 1 to 4)	Health: 1	Fire: 1	Reactivity: 1	Other: N/A
Signal Word:	Wax			
EMERGENCY OVERVIEW:	Will burn skin when molten. Non-toxic			
Potential Health Effects				
Skin Contact:	Mild irritant and will blister skin when molten			
Eye Contact:	Only when molten will cause cornea damage – always wear goggles			
Inhalation:	Low vapor pressure, but advisable to wear painters mask always			
Ingestion:	Unlikely, but if happens, bowl irritant			
3. Composition/Information on Ingredients				
CAS Number:	Weight Percent	Ingredient Name		
		Components of this product are on the TSCA Inventory or are exempt		
		From TSCA Inventory requirements. 100% Natural Vegetable Wax		
4. First Aid Measures				
Skin Contact:	Wash with soap and water			
Eye Contact:	Flush with copious amounts of water – do not rub against eyes			
Inhalation:	Clear nasal and bronchial tract and administer oxygen			
Ingestion:	Give patient milk to drink and refer to physician immediately			
Notes to Physician:	Treat symptomatically			
5. Fire Fighting Measures				
Flash Point: (COC)	>220°C/428°F			
Extinguishing Media:	Foam			
Fire Fighting:	Foam			
Fire and Explosion Hazard:	Unlikely/Rare			
Products of Combustion:	Carbon Dioxide, Carbon Monoxide, Water Vapor			
6. Accidental Release Measures				
Evacuation and Safety:	Evacuate all persons away from incident and allow only rescue persons with full respiratory gear (Oxygen masks) into location if needed.			
Containment of Spill:	Bund the area to contain the spilt materials with sand, sand bags or similar.			
Clean-up and Disposal:	Scoop spillage into heavy duty plastic bags and send to toxic waste disposal site.			

ECOGREEN SPA 140

<b>7. Handling and Storage</b>			
Handling:	Use PVS Gloves and Dust Mask at all times		
Storage:	Store under cover at ambient temperature and away from direct sun light and rain.		
<b>8. Exposure Controls/Personal Protection</b>			
Engineering Controls:	Use in well ventilated area with good air flow/extraction.		
Exposure Limits:	Follow the exposure limits for Carbon Dioxide gas exposure levels.		
Personal Protective Equipment (PPE)			
Eyes:	Goggles		
Hands and Feet:	Hands – PVC Gloves. Feet – Covered with socks and shoes		
Body:	Full body cover overalls plus PVC apron.		
Respiratory:	When handling molten liquid, use charcoal canister respirator		
<b>9. Physical and Chemical Properties</b>			
Description:	Solid at Room Temperature and low viscosity when molten		
Odor:	Mild to none		
Boiling Point:			
Melting Point:	135°C to 140°C		
Specific Gravity (H <sub>2</sub> O=1):	0.95		
pH:	N/A		
Water Solubility:	Negligible		
Partition coefficient: (n-octanol/water)	N/A		
Vapor Density: (air = 1)	N/A		
Freezing Point:	N/A		
Vapor density:	N/A		
Evaporation Rate: (butyl acetate = 1)	N/A		
Viscosity: (at ? °F)	N/A		
Flash Point:	N/A		
Lower/upper Flame Limits:	>200°C		
Auto-ignition Temperature:	>300°C		
<b>10. Stability and Reactivity</b>			
Stability:	Stable at recommended usage and storage conditions		
Reactivity:	Keep away from strong oxidizing and reducing agents		
Possible hazardous reactions:	None known but recommend keep away from strong oxidizing And reducing agents.		
Conditions to avoid:	Direct sunlight and rain		
Incompatibilities:	Keep away from moisture		
Hazardous decomposition products:	Carbon Monoxide, Carbon Dioxide.		
<b>11. Toxicological Information</b>			
Toxicity Data:			
Carcinogen status	OSHA – none known	NTP – none known	IARC – none known
<b>12. Ecological Information</b>			
Not determined but recommend to prevent entrance of product or spills into any aquatic system.			
<b>13. Disposal Information</b>			
Dispose at toxic waste disposal site			
<b>14. Department of Transportation (DOT) Transport Information</b>			
Shipping Name:	EcoGreen SPA 140		

ECOGREEN SPA 140

UN Number:	Not Regulated
UN proper shipping name:	Not Regulated
Hazard Class or Division:	Not Regulated
Packing Group:	Not Regulated
Environmental hazard(s):	Not Regulated
Labeling Requirements:	Not Regulated
<b>Packing Authorizations:</b>	
Exceptions:	Not Regulated
Non-Bulk Packing:	Not Regulated
Bulk Packing:	Not Regulated
<b>Quantity Limitations:</b>	
Passenger Aircraft:	Not Regulated
Cargo Aircraft Only:	Not Regulated
Vessel Stowage Requirements:	Not Regulated
Emergency Guide Number:	Not Regulated
<b>15. Regulatory Information</b>	
OSHA Process Safety:	Not Regulated
SARA Title III:	Not Regulated
TSCA Status:	Not Regulated
CERCLA:	Not Regulated
EINECS Status:	Not Regulated
California Proposition 65:	Not Regulated
WHMIS Classification	Not Regulated
<b>16: Other Information</b>	
<p>This HCSDS is furnished independent of product sale. Every effort was made to accurately describe this product. However, some of the data are obtained from sources beyond COMPANY direct supervision. We cannot make any assertions as to its reliability or completeness. Therefore, the user may rely on it only at user's risk. We have made no effort to censor or conceal deleterious aspects of this product. Since COMPANY is not able to anticipate or control the conditions under which this information and product may be used, we make no guarantee that the precautions we have suggested will be adequate for all individuals and/or situations. It is the obligation of each user of this product to comply with the requirements of all applicable laws regarding the use and disposal of this product. Additional information will be furnished upon request to assist the user; however, no warranty, either expressed or implied, nor liability of any nature with respect to this product or to the data herein is made or incurred hereunder.</p>	
Revision History: Original	Created: 10.16.13