

Shingle Flex - Asphalt Shingle Protectant

Revision: 06/01/2021

1. Product and Company Identification

Product Code: 01406
Product Name: Shingle Flex - Asphalt Shingle Protectant
Company Name: Envirolast Coatings
 PO Box 3039
 Olympic Valley, 96146
Phone Number: (866)838-7050
Web site address: shingleflex.com
Email address: info@shingleflex.com
Emergency Contact: CERTS (Human & Environmental only) (800)552-3787
Information: Information (866)838-7050

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Serious Eye Damage/Eye Irritation, Category 1
Aquatic Toxicity (Chronic), Category 4
Skin Corrosion/Irritation, Category 2



GHS Signal Word: **Danger**
GHS Hazard Phrases: H302 - Harmful if swallowed.
 H315 - Causes skin irritation.
 H318 - Causes serious eye damage.
 H413 - May cause long lasting harmful effects to aquatic life.
GHS Precautionary Phrases: P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/eye protection.
GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P330 - Rinse mouth.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to a licensed waste facility according to all regulations.

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Potential Health Effects (Acute and Chronic):	Chronic: None.
Inhalation:	No hazard expected in normal industrial use.
Skin Contact:	Non-irritating to the skin.
Eye Contact:	Non-irritating to the eyes.
Ingestion:	No hazard expected in normal industrial use.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	<50.0 %
67784-80-9	Soybean oil, Me ester	<50.0 %
68439-46-3	Alcohol ethoxylate	< 5.0 %
68333-82-4	Amides, coco, N-(2-hydroxypropyl)	< 5.0 %
129757-67-1	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-Bu hydr	0.0 -0.01 %
68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	0.0 -0.01 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
In Case of Skin Contact:	IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
In Case of Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. If irritation develops, get medical aid.
In Case of Ingestion:	Rinse mouth with water. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Note to Physician:	None known.

5. Fire Fighting Measures

Flash Pt:	> 130.00 C	Method Used: Closed Cup
Explosive Limits:	LEL: N.A.	UEL: N.A.
Autoignition Pt:	NP	
Suitable Extinguishing Media:	Use extinguishing agent suitable for type of surrounding fire.	
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.	
Flammable Properties and Hazards:		
Hazardous Combustion Products:	Various undetermined organic compounds depending upon actual fire conditions.	

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6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Eye protection is recommended. Hand: Rubber gloves.
Environmental Precautions:	Do not discharge directly into the environment or into the sewer system.
Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling:	No special handling procedures are required.
Precautions To Be Taken in Storing:	No special storage requirements.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water			
67784-80-9	Soybean oil, Me ester			
68439-46-3	Alcohol ethoxylate			
68333-82-4	Amides, coco, N-(2-hydroxypropyl)			
129757-67-1	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-Bu hydr			
68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts			

Respiratory Equipment (Specify Type):	Respirator protection is not normally required.
Eye Protection:	Chemical safety goggles.
Protective Gloves:	Hand: Compatible chemical-resistant gloves.
Other Protective Clothing:	Protective garments not normally required.
Engineering Controls (Ventilation etc.):	There are no special ventilation requirements.
Environmental Exposure Controls:	No special environmental precautions required.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Clear liquid.
bland.

pH: 6.0 - 8.0

Freezing Point: NA

Boiling Point: ~ 100.00 C

Flash Pt: > 130.00 C Method Used: Closed Cup

Evaporation Rate: > 1 (H₂O=1)

Flammability (solid, gas): Not applicable.

Explosive Limits: LEL: N.A. UEL: N.A.

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1): 0.93 - 0.94 at 20.0 C

Solubility in Water: Miscible

Octanol/Water Partition Coefficient:

Percent Volatile: < 50.0 % by weight.

VOC / Volume: 0.0000 G/L

Autoignition Pt: NP

Decomposition Temperature: NA

Viscosity: NA

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Oxidizing agents.

Incompatibility - Materials To Avoid: None. Oxidizing agents.

Hazardous Decomposition or Byproducts: None.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

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11. Toxicological Information

Toxicological Information: Epidemiology: No data available.
Teratogenicity: No data available.

Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
67784-80-9	Soybean oil, Me ester	n.a.	n.a.	n.a.	n.a.
68439-46-3	Alcohol ethoxylate	n.a.	n.a.	n.a.	n.a.
68333-82-4	Amides, coco, N-(2-hydroxypropyl)	n.a.	n.a.	n.a.	n.a.
129757-67-1	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction products with tert-Bu hydr	n.a.	n.a.	n.a.	n.a.
68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: No data available.

Results of PBT and vPvB assessment: Not applicable.

Persistence and Degradability: No information found.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Dispose of contents/container to licensed facility according to all regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated under U.S. Department of Transportation regulations (29 CFR)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Corrosive liquids, toxic, n.o.s.

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15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
67784-80-9	Soybean oil, Me ester	No	No	No
68439-46-3	Alcohol ethoxylate	No	No	No
68333-82-4	Amides, coco, N-(2-hydroxypropyl)	No	No	No
129757-67-1	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction products with tert-Bu hydr	No	No	No
68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
67784-80-9	Soybean oil, Me ester	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
68439-46-3	Alcohol ethoxylate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
68333-82-4	Amides, coco, N-(2-hydroxypropyl)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
129757-67-1	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction products with tert-Bu hydr	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

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Additional Information About
This Product:

Company Policy or

Disclaimer:

THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.