




BituTech RAP®

1. Product and Company Identification				
Engineered Additives, LLC 5 South Deer Hill Run, Sparta, NJ 07871 Phone: 973-216-3560 Fax: 973-770-7519	CHEMTREC (24-Hr Emergency Response): Poison Control Non-emergency Customer Service	U.S. Toll Free (800) 424-9300 International +1 (703) 527-3887 (800) 222-1222 (973) 216-3560		
Synonyms:	N/A			
Chemical Family:	Mixture of long chain and tricyclic organic acids, resin acids, fatty acids, sterols and esterified fatty acids			
Recommended Use:	An additive for Recycled Asphalt Pavement (RAP) and Recycled Asphalt Shingles (RAS).			
HCSDS Creation Date:	October 08, 2013			
HCSDS Revision Date:	May 15, 2015			
2. Hazards Identification				
HMIS Ratings (Scale of 1 to 4)	Health: 1	Fire: 1	Reactivity: 0	Special: N/A
NFPA Ratings (Scale of 1 to 4)	Health: 1	Fire: 1	Reactivity: 0	Other: N/A
Signal Word:	Warning 			
EMERGENCY OVERVIEW:	A dark slightly viscous liquid (above 30° C), having a wood-like odor. When heated, molten material may cause burns.			
Potential Health Effects:				
Skin Contact:	Molten material causes burns.			
Eye Contact:	May cause slight eye irritation. Molten material causes burns. Fumes from molten material may cause irritation.			
Inhalation:	Inhalation of vapor from molten material may cause slight irritation to the eyes, mucous membranes and upper respiratory tract			
Ingestion:	None identified.			
3. Composition/Information on Ingredients				
CAS Number:	Weight Percent	Ingredient Name		
Proprietary	20 to 40	Component A – listed on TSCA inventory or Exempt from TSCA listing		
Proprietary	20 to 75	Component B – listed on TSCA inventory or Exempt from TSCA listing		
Proprietary	0 to 30	Component C – listed on TSCA inventory or Exempt from TSCA listing		
4. First Aid Measures				
Skin Contact:	Remove contaminated clothing, jewelry and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). In case of burns from hot material, cover area with sterile, dry dressing. Bandage securely, but not too tightly. Get medical attention immediately.			
Eye Contact:	Wash eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention immediately.			
Inhalation:	Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.			
Ingestion:	If swallowed do not induce vomiting. If victim is fully conscious dilute stomach contents with large amounts of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.			
Notes to Physician:	N/A			



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9. Physical and Chemical Properties			
Description	A dark slightly viscous liquid (above 30° C)		
Odor:	Has a wood-like odor.		
Boiling Point:	>500°F (260°C)		
Melting Point:	N/A		
Specific Gravity (H ₂ O=1):	~0.94		
pH	N/A		
Water Solubility:	Very slightly soluble		
Vapor Density (air = 1)	N/A		
Freezing Point:	Not known		
Flash Point:	>390°F (closed cup)		
Lower/upper Flame Limits	Not known		
Auto-ignition Temperature:	Not known		
10. Stability and Reactivity			
Stability and Reactivity:	Stabile		
Incompatibilities:	Avoid strong oxidants		
11. Toxicological Information			
Toxicity Data:	No data		
Carcinogen status	OSHA - No	NTP -- Not a carcinogen	IARC - Not a carcinogen
12. Ecological Information			
No data			
13. Disposal Information			
Do not dispose into the immediate environment. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.			
14. Department of Transportation (DOT) Transport Information			
Shipping Name:	BituTech RAP		
UN Number:	Not Regulated		
UN proper shipping name:	Not Regulated		
Hazard Class or Division:	Not Regulated		
Packing Group:	Not Regulated		
Environmental hazard(s):			
Labeling Requirements:	Not Regulated		
Packing Authorizations:			
Exceptions:	Not Regulated		
Non-Bulk Packing:			
Bulk Packing:	Not Regulated		
Quantity Limitations:			
Passenger Aircraft:	Not Regulated		
Cargo Aircraft Only:	Not Regulated		
15. Regulatory Information			
OSHA Process Safety:	Not listed		
SARA Title III:	Not listed		
TSCA Status:	All components listed		
CERCLA:	Not listed		
ENECS Status:	Not listed		
California Proposition 65:	Not listed		
WHMIS Classification	Not determined		