

ASH GROVE PACKAGING

Material Safety Data Sheets

Contents:

- **Kolorstone Classic** MSDS Sheet
- **Kolorflex Admixture** MSDS Sheet



kolorstone classic (cont.)

Section V. Health Hazard Data

Threshold Limit Value:	Respirable dust – TLV 10mg/m ³
Effects of Overexposure:	Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumonconiosis and silicosis. Skin and eye irritant. Can cause alkali burns and dermatitis.
Emergency First Aid:	
Skin:	Wash with soap and water.
Eyes:	Flush with large amounts of water for 15 minutes. Consult a physician if irritation persists.
Inhalation:	Move to fresh air. If not breathing, give CPR. Consult physician.
Ingestion:	Give large doses of water. Consult physician.

Section VI. Reactivity Data

Stability:	Stable
Stability Conditions to Avoid:	NA
Materials to Avoid:	Strong acids may cause violent, exothermic reaction
Hazardous Decomposition Products:	NA
Hazardous Polymerization:	Will not occur

Section VII. Spill or Leak Procedures

Spill or Leak Procedures:	Use personal protective equipment to prevent dust exposure and prevent alkali burns or irritation.
Waste Disposal Methods:	Dispose of in accordance with existing federal, state and local environmental regulations

Section VIII. Special Protection Information

Eye Protection:	Safety glass with side shields or goggles – ANSI 287.1
Glove Requirements:	Impervious - Rubber
Respiratory Protection:	Use NIOSH approved respirator if vapor/mist levels are irritating.
Ventilation:	Normal work conditions. Local exhaust
Clothing:	Rubber boots, arm sleeves and aprons when necessary to prevent skin contact
Wash Requirements:	Soap and water

Section IX. Handling & Storage Precautions

Storage:	Keep in closed container.
Storage Temperature:	Protect from freezing and extreme temperatures.
Other Precautions:	Take necessary steps to avoid nuisance dusts.

Section X. Shipping Information

DOT Shipping Name:	Bagged portland cement
DOT Hazard Class:	NA – Class 50
DOT Reportable Quantity:	NA

Section XI. Other

Note: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.



packaging

kolorflex admixture



Material Safety Data Sheet

Health = 1

Flammability = 0

Reactivity = 0

ASH GROVE PACKAGING GROUP
10809 Executive Center Drive, Ste. 321
Little Rock, AR 72211
Phone: (888) 289.1117
Fax: (501) 224.3882
www.ashgrovepkg.com

Section I. Product Identification

Trade Name: KolorStone® Kolor-Flex Admixture
Synonyms: Aqueous acrylic emulsion
Manufacturer and/or Supplier: Materials Packaging Company
Address: 10809 Executive Center Drive
Manufacturer and Emergency Telephone: (501) 224-3372
Effective Date: September 2, 2011

Section II. Hazardous Ingredients

Description	CAS#	TLV	PEL	Vapor Pres.
Acrylic polymer	Non-Hazardous	NR	NR	17mmHg@68F
Trisodium-2-hydroxy-1,2,3-Propane				
Trycarboxylate, Dihydrate	68-04-2	10mg/m3	15mg/m3	NA
Polydimethylsiloxane	63148-62-9	NE	NE	17mmHg@68F

Section III. Physical Data

Boiling Point:	212°F	Specific Gravity (Water = 1):	1.0-1.1
Vapor Pressure (mmHg):	17 @ 68°F	% Volatile by Volume (%):	<30
Vapor Density (Air = 1):	<1 Water	Evaporation Rate:	<1 Water
Solubility in Water:	Dilutable		
Appearance/Odor:	Milky while aqueous emulsion; Slight ammonia odor		



packaging

kolorflex admixture (cont.)

Section IV. Fire & Explosion Hazard Data

Flash Point:	Non-Combustible
Flammable Limits – UEL (%):	NA
– LEL (%):	NA
Extinguishing Media:	NA
Special Firefighting:	None
Unusual Fire and Explosion Hazards:	Polymer film may burn. Material may splatter above 212°F.

Section V. Health Hazard Data

Threshold Limit Value:	STEL – 35ppm for ammonia LD 50 +.5 Gr/Kgr
Effects of Overexposure:	Vapor or mist may cause headache, nausea and irritation of nose, throat and lungs. Irritant to skin and eyes.
Emergency First Aid:	
Skin:	Wash with soap and water.
Eyes:	Flush with large amounts of water for 15 minutes. Consult a physician if irritation persists.
Inhalation:	Move to fresh air.
Ingestion:	Give several glasses of milk. Consult physician.

Section VI. Reactivity Data

Stability:	Stable
Stability Conditions to Avoid:	Temperatures above 250°F
Materials to Avoid:	NA
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur

Section VII. Spill or Leak Procedures

Spill or Leak Procedures:	Take up with suitable absorbent and place in container. Spill can be washed with water. Collect wash water for approved disposal. Do not flush to storm sewer or waterway.
Waste Disposal Methods:	Dispose of in accordance with existing federal, state and local environmental regulations

Section VIII. Special Protection Information

Eye Protection:	Safety glass with side shields or goggles – ANSI 287.1
Glove Requirements:	Impervious - Rubber
Respiratory Protection:	Use NIOSH approved respirator if vapor/mist levels are irritating.
Ventilation:	Normal work conditions. Local exhaust
Clothing:	None special
Wash Requirements:	Soap and water

Section IX. Handling & Storage Precautions

Storage:	Keep in closed container.
Storage Temperature:	Protect from freezing and extreme temperatures.
Other Precautions:	Product contains a small amount of residual monomer (>1%) which could accumulate in unvented head space of drums or bulk storage vessels. Open drums in ventilated area. Avoid breathing vapors.



kolorflex admixture (cont.)

Section X. Shipping Information

DOT Shipping Name:	Liquid Synthetic Plastic
DOT Hazard Class:	NA
DOT Reportable Quantity:	Not Regulated

Section XI. Other

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