



Material Safety Data Sheet

1. Product and Company Identification

Product Code FE

Product Name BRICKFORM® Freestyle Enhancer Stain™

Manufacturer BRICKFORM
Address 11061 Jersey Blvd.
City, State, Zip Rancho Cucamonga, CA 91730

Emergency Phone Chemtrec 800-424-9300
Business Phone 909-484-3399
Business Fax 909-484-3318

Last Updated July 6, 2005

2. Composition / Information on Ingredients

Chemical Name	CAS No.	ACGIH TLV	OSHA PEL	STEL
Proprietary Blend	N/A	N/A	N/A	N/A
Acetic Acid	64-19-7	25 mg/m ³	10 ppm	N/A
Ethylene glycol	107-21-1	N/A	50 ppm	

3. Hazards Identification

Emergency Overview

Clear and colored liquids. Product is not hazardous.

Signs and Symptoms of Exposure

Ingestion

May cause mild discomfort.

Inhalation

Breathing of the vapor may irritate the nose and throat. Asthma and other respiratory conditions may be aggravated by exposure.

Eyes

May cause irritation, inflammation or abrasion.

Skin

Prolonged and repeated contact can cause discomfort.

Potential Environmental Hazards

N/A

4. First Aid Measures

Ingestion

DO NOT INDUCE VOMITING. Drink two glasses of water and GET MEDICAL ATTENTION.

Inhalation

Remove victim to fresh air. If respiratory symptoms persist or develop, get medical attention.

BRICKFORM

Material Safety Data Sheet

BRICKFORM Freestyle Enhancer Stain / FE
Last Updated July 6, 2005

4. First Aid Measures...continued

Eyes

DO NOT RUB. Flush eyes with plenty of water for 15 minutes while holding eyelids open and GET MEDICAL ATTENTION IMMEDIATELY.

Skin

Wash exposed areas with water and then, with soap and water. Remove contaminated clothing and shoes; do not reuse until cleaned. If irritation persists or develops, get medical attention.

5. Fire Fighting Measures

Flash Point N/A

Autoignition Temperature N/A

Lower Explosive Limit N/A

Upper Explosive Limit N/A

Unusual Fire Explosion Hazards

N/A

Extinguishing Media

Use water fog, foam, dry chemical, or CO₂.

Special Fire Fighting Procedures

Evacuate hazard area of unprotected personnel. Wear proper protective clothing, including a NIOSH-approved, positive pressure, self-contained, breathing apparatus. Cool fire-exposed containers with water. In case of large fires, also cool surrounding equipment and structures with water.

6. Accidental Release Measures

Keep people away. Ventilate confined spaces. Open all windows and doors. Flush with water to a tank or an open well-ventilated area. Recover by pumping. Keep product out of sewers, watercourses, and soil by dyking or impounding. Absorb with sand, earth, or other suitable absorbent. Control runoff and isolate discharge material for proper waste-disposal method. Use non-leaking containers, seal tightly, and label properly. Dispose of in accordance with applicable local, county, state, and federal regulations.

7. Handling and Storage

Safe Handling and Storage

DO NOT FREEZE. Store in a cool, dry place with adequate ventilation. Keep containers closed.

8. Exposure Controls and Personal Protection

Engineering controls

N/A

Personal Protective Equipment

Wear safety goggles to protect eyes. Aprons and gloves should be worn to minimize contact with skin.

Other Protective Clothing Equipment

N/A

General Work Practices Hygiene Considerations

Avoid prolonged or repeated contact with skin. Use good hygiene when handling this product. Cleanse skin thoroughly after handling and before eating or drinking. Product is easily removed with waterless, hand cleaners followed by washing thoroughly with soap and water. Remove contaminated clothing and launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse.

Exposure Guidelines

Please see section 2.

BRICKFORM

Material Safety Data Sheet

BRICKFORM Freestyle Enhancer Stain / FE
Last Updated July 6, 2005

9. Physical and Chemical Properties

Physical State Liquid	Appearance/Color/Odor Milky/Slight
Melting Point/Range N/A	Boiling Point Range 100°C (212°F)
Solubility in Water Soluble	How to Detect this Compound Appearance
pH N/A	Specific Gravity (Water = 1) Heavier than water
Molecular Weight N/A	Percent Volatiles N/A
Vapor Pressure (mmHg) N/A	Vapor Density (Air = 1) Heavier than air
Solids: 11%	Evaporation Rate (Butyl Acetate = 1): Slower than Ether
VOC 0.22 lb/gal (27gr/lit) (as applied)	

10. Stability and Reactivity

Stability Stable.
Hazardous Polymerization Will not occur.
Conditions to Avoid: Freezing. Keep away from heat and open flames.
Materials to Avoid: Strong chemicals and oxidizing materials.
Hazardous Decomposition Products: Will not occur.

11. Toxicological Information

N/A

12. Ecological Information

N.A

13. Disposal Considerations

Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state, and federal guidelines. Do not dispose in streams, wells, lakes, rivers, oceans, or sewers.

14. Transportation Information

DOT Proper Shipping Name Liquid Cement Color
DOT Hazard Class ID Number Non-hazardous. Not required. Class 55.

15. Regulatory Information

Reportable Quantity N/A

NFPA Rating 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

Health	2
Flammability	1
Reactivity	0

BRICKFORM

Material Safety Data Sheet

BRICKFORM Freestyle Enhancer Stain / FE
Last Updated July 6, 2005

15. Regulatory Information...continued

Carcinogenicity Lists No
NTP Yes
IARC Monograph No
OSHA Regulated No

STATE WARNING
N/A

FEDERAL WARNING

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	CHEMICAL NAME	%BY WEIGHT
64-19-7	Acetic Acid	1-10
107-21-1	Ethylene glycol	< 1/50

16. Other Information

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure.

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). To the best of our knowledge, the information contained herein is accurate and the information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change, BRICKFORM makes no warranty, either expressed or implied with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material if used in combination with any other materials. It is the user's responsibility to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution. BRICKFORM assumes no legal responsibility for use or reliance upon this data.



Material Safety Data Sheet

1. Product and Company Identification

Product Code FF, FS
Product Name BRICKFORM® Freestyle Solid-Color Stain™

Manufacturer BRICKFORM
Address 11061 Jersey Blvd.
City, State, Zip Rancho Cucamonga, CA 91730

Emergency Phone Chemtrec 800-424-9300
Business Phone 909-484-3399
Business Fax 909-484-3318

Last Updated July 6, 2005

2. Composition / Information on Ingredients

Chemical Name	CAS No.	ACGIH TLV	OSHA PEL	STEL
Proprietary Blend	N/A	N/A	N/A	N/A
Acetic Acid	64-19-7	25 mg/m ³	10 ppm	N/A
Ethylene glycol	107-21-1	N/A	50 ppm	N/A
Titanium Dioxide	13463-67-7	10 mg/m ³	10 mg/m ³	N/A
Yellow Iron Oxide	51274-00-1	5 mg/m ³	10 ppm	N/A
Red Iron Oxide	65997-15-1	5 mg/m ³	10 ppm	N/A
Black Iron Oxide	1309-37-1	5 mg/m ³	10 ppm	N/A

3. Hazards Identification

Emergency Overview

Clear and colored liquids and colored powder. Product is not hazardous.

Signs and Symptoms of Exposure

Ingestion

May cause mild discomfort.

Inhalation

Breathing of the vapor may irritate the nose and throat. Asthma and other respiratory conditions may be aggravated by exposure. Prolonged exposure to dust may result in a condition known as siderosis. On X-rays, it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis-producing materials such as silica. The TLV is set to protect against siderosis.

Eyes
May cause irritation, inflammation or abrasion.

Skin

Prolonged and repeated contact can cause discomfort.

Potential Environmental Hazards

N/A

BRICKFORM

Material Safety Data Sheet

BRICKFORM Freestyle Solid-Style Stain / FF, FS
Last Updated July 6, 2005

4. First Aid Measures

Ingestion

DO NOT INDUCE VOMITING. Drink two glasses of water and GET MEDICAL ATTENTION.

Inhalation

Remove victim to fresh air. If respiratory symptoms persist or develop, get medical attention.

Eyes

DO NOT RUB. Flush eyes with plenty of water for 15 minutes while holding eyelids open and GET MEDICAL ATTENTION IMMEDIATELY.

Skin

Wash exposed areas with water and then, with soap and water. Remove contaminated clothing and shoes; do not reuse until cleaned. If irritation persists or develops, get medical attention.

5. Fire Fighting Measures

Flash Point N/A

Lower Explosive Limit N/A

Autoignition Temperature N/A

Upper Explosive Limit N/A

Unusual Fire Explosion Hazards

N/A

Extinguishing Media

Use water fog, foam, dry chemical, or CO₂.

Special Fire Fighting Procedures

Evacuate hazard area of unprotected personnel. Wear proper protective clothing, including a NIOSH-approved, positive pressure, self-contained, breathing apparatus. Cool fire-exposed containers with water. In case of large fires, also cool surrounding equipment and structures with water.

6. Accidental Release Measures

Keep people away. Ventilate confined spaces. Open all windows and doors. Flush with water to a tank or an open well-ventilated area. Recover by pumping. Keep product out of sewers, watercourses, and soil by dyking or impounding. Absorb with sand, earth, or other suitable absorbent. Control runoff and isolate discharge material for proper waste-disposal method. Use non-leaking containers, seal tightly, and label properly. Dispose of in accordance with applicable local, county, state, and federal regulations.

7. Handling and Storage

Safe Handling and Storage

DO NOT FREEZE. Store in a cool, dry place with adequate ventilation. Keep containers closed.

8. Exposure Controls and Personal Protection

Engineering controls

N/A

Personal Protective Equipment

All personnel must wear OSHA-NIOSH approved dust respirators when working with or near Part D of this product. Please refer to OSHA standards in 29 CFR 1910.134. Wear safety goggles to protect eyes. Aprons and gloves should be worn to minimize contact with skin.

Other Protective Clothing Equipment

N/A

General Work Practices Hygiene Considerations

BRICKFORM

Material Safety Data Sheet

BRICKFORM Freestyle Solid-Style Stain / FF, FS
Last Updated July 6, 2005

8. Exposure Controls and Personal Protection...continued

Minimize breathing of dust in Part D. Avoid prolonged or repeated contact with skin. Use good hygiene when handling this product. Cleanse skin thoroughly after handling and before eating or drinking. Product is easily removed with waterless, hand cleaners followed by washing thoroughly with soap and water. Remove contaminated clothing and launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse.

Exposure Guidelines:

Please see section 2.

9. Physical and Chemical Properties

Physical State Liquid/Powder

Melting Point/Range N/A

Solubility in Water Soluble

pH N/A

Molecular Weight N/A

Vapor Pressure (mmHg) N/A

Solids: 11%

VOC 0.22 lb/gl (27gr/lit) (as applied)

Appearance/Color/Odor Milky/Slight

Boiling Point Range 100°C (212°F)

How to Detect this Compound Appearance

Specific Gravity (Water = 1) Heavier than water

Percent Volatiles N/A

Vapor Density (Air = 1) Heavier than air

Evaporation Rate (Butyl Acetate = 1): Slower than Ether

10. Stability and Reactivity

Stability Stable.

Hazardous Polymerization Will not occur.

Conditions to Avoid: Freezing. Keep away from heat and open flames.

Materials to Avoid: Strong chemicals and oxidizing materials.

Hazardous Decomposition Products: Will not occur.

11. Toxicological Information

N/A

12. Ecological Information

N.A

13. Disposal Considerations

Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state, and federal guidelines. Do not dispose in streams, wells, lakes, rivers, oceans, or sewers.

14. Transportation Information

DOT Proper Shipping Name Dry/Liquid Cement Color

DOT Hazard Class ID Number Non-hazardous. Not required. Class 55.

15. Regulatory Information

Reportable Quantity N/A

NFPA Rating 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

BRICKFORM

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BRICKFORM Freestyle Solid-Style Stain / FF, FS
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Health 2
Flammability 1
Reactivity 0

Carcinogenicity Lists No
NTP Yes
IARC Monograph No
OSHA Regulated No

STATE WARNING

N/A

FEDERAL WARNING

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	CHEMICAL NAME	%BY WEIGHT
13463-67-7	Titanium Dioxide	1-95
64-19-7	Acetic Acid	1-10
107-21-1	Ethylene glycol	< 1/50

16. Other Information

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure.

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). To the best of our knowledge, the information contained herein is accurate and the information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change, BRICKFORM makes no warranty, either expressed or implied with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material if used in combination with any other materials. It is the user's responsibility to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution. BRICKFORM assumes no legal responsibility for use or reliance upon this data.