



SAFETY DATA SHEET

Issuing Date 09-Nov-2015

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Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name FirmeCrete Liquid Part A

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Admixture for concretes

Uses advised against Industrial Use Only

Details of the supplier of the safety data sheet

Supplier Name FirmeCrete Floor & Wall Coatings

Supplier Address 2128 S. Grove Ave. Unit N
Ontario, Ca 91761
US

Supplier Phone Number 909-270-0715

2. HAZARDS IDENTIFICATION

GHS Classification Not a hazardous substance or mixture.

GHS Label element Not a hazardous substance or mixture.

Potential Health Effects

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Appearance:	Liquid
Color:	White
Odor:	Sweet

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture	Mixture
Hazardous Ingredients	Contains no hazardous ingredients according to the GHS.

4. FIRST AID MEASURES

First aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye contact	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin contact	Wash off with soap and water.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not combustible. Use measure that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

None.

Specific hazards during firefighting

Cool closed containers exposed to fire with water spray.

Further Information

This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in Sections 7 and 8.

Environmental precautions:

No special environmental precautions required. Prevent product from entering drains.

Methods and material for containment and cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

7. HANDLING AND STORAGE

<u>Advice on safe handling:</u>	No special precautions are needed in handling this material.
<u>Conditions for safe storage:</u>	Keep container closed when not in use. Keep in a dry, cool place.
<u>Materials to avoid:</u>	Do not freeze. No special restrictions on storage with other products.
<u>Storage temperature:</u>	>=40 °F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters: Contains no substances with occupational exposure limit values.

Personal protective equipment:

Eye/face protection	Safety glasses.
Skin and body protection	Wear nitrile rubber protective gloves and protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.
Protective measures	No special protective equipment required.

(e.g. sand, silica gel, acid binder, universal binder, sawdust.)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid		
Appearance	Milky white	Odor	Sweet
Color	White	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	4.0 – 6.0	None known	
Melting / freezing point	32 °F	None known	
Boiling point / boiling range	212 °C / 414 °F	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	Not classified as flammability hazard	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	1.07	None known	
Density	8.70 – 9.0 lb/gal	None known	
Water Solubility	Dispersible	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient:		None known	
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	1,900 – 2,800 cP		
Solid Content, % by weight	53 – 56		
VOC, % by weight	0.16		
Explosive properties	No data available		
Oxidizing properties	No data available		

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	S-1100

10. STABILITY AND REACTIVITY

Chemical stability

This product is chemically stable.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Hazardous decomposition products

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product:

Acute Oral Toxicity:	Acute toxicity estimate: > 5,000 mg/kg. Method: Calculation method
Acute Dermal Toxicity:	Acute toxicity estimate: > 5,000 mg/kg. Method: Calculation method
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT –single exposure	No data available.
STOT –repeated exposure	No data available.
Aspiration toxicity	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Biaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: To the best of our knowledge, this product does not meet the hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.
 The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
REACH	Not in compliance with the inventory
AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TWINV	On the inventory, or in compliance with the inventory

Inventories Legend: TSCA (USA), DSL (Canada), REACH (Europe), AICS (Australia), NZIOC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SARA 311/312 Hazards: No SARA hazards

SARA 302: No chemicals in this material are subject to the reporting requirements.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) report.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

NFPA: Health: 0 Flammability: 0 Instability: 0

HMIS II: Health: 0 Flammability: 0 Instability: 0

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Revision Note

No information available

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet