

SAFETY DATA SHEET

Issuing Date 18-Feb-2016

Revision Date 18-Feb-2016

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

Product identifier

Product Name S-1200 Dry Concentrate

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Dry blend concentrate for concretes

Uses advised against Industrial Use Only

Details of the supplier of the safety data sheet

Supplier Name Arizona Polymer Flooring, Inc.

Supplier Address 4565 W. WATKINS ST.
PHOENIX, AZ 85043

Supplier Phone Number Phone:623-435-2277

Supplier Website www.super-krete.com

Emergency telephone number

Company Emergency Phone Number 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification Combustible dust
Eye Irritation: Category 2A
Carcinogenicity: Category 2



GHS Label element

Signal Word Warning

Hazard Statements May form combustible dust concentrations in air
H319: Causes serious eye irritation
H351: Suspected of causing cancer

Precautionary Statements **Prevention**
P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood

P264: Wash skin thoroughly after handling
 P280: Wear protective gloves/protective clothing/ eye protection/ face protection

Response

P305+p338+351: **IF IN EYES**, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 P308+p313: If exposed or concerned get medical advice/ attention.

Storage

P405: Store locked up.

Disposal

P501: dispose of contents/container to an approved waste disposal plant.

Potential Health Effects**Carcinogenicity:**

IARC	Group 2B: Possibly carcinogenic to humans, Titanium Dioxide CAS # 13463-67-7
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:	Powder
Color:	White
Odor:	Sweet

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Mixture

Hazardous Ingredients

Chemical name	Concentration (%)	CAS Number
Polyvinyl alcohol	10-30	025213-24-5
Kaolin	10-30	001332-58-7
Titanium Dioxide	01.-1.0	013463-67-7

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

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide

Unsuitable extinguishing media

No data available

Specific hazards during firefighting

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

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.

Methods and material for containment and cleaning up:

Use approved industrial vacuum cleaner for removal. Do not use compressed air for cleaning purposes. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

7. HANDLING AND STORAGE

Advice on safe handling:

Avoid creating dust. Provide for appropriate exhaust ventilation and dust collection. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Take precautionary measure against static charges

Conditions for safe storage:

Keep in a dry, cool place.

Materials to avoid:

No special restrictions on storage with other products.

Storage temperature: >=40 °F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters:

INGREDIENTS (CAS)	EXPOSURE LIMITS (ppm)				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
001332-58-7	5 mg/m ³	ND	2 mg/m ³	ND	
013463-67-7	10mg/m ³	ND	10mg/m ³	ND	

LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

Personal protective equipment:

Eye/face protection Safety glasses.

Skin and body protection	Wear nitrile rubber protective gloves and protective clothing.
Respiratory protection	Dust safety masks are recommended when the dust concentration is more than 10mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	powder		
Appearance	Milky white	Odor	Sweet
Color	White	Odor Threshold	No information available
<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>	
pH	Not Applicable	None known	
Melting / freezing point	Not Applicable	None known	
Boiling point / boiling range	Not Applicable	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	May form combustible dust	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	2.8	None known	
Density	23 lb/gal	None known	
Water Solubility	Dispersible	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient:			
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			
Solid Content, % by weight	>98%		
VOC, % by weight	0%		
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. 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: Acute health hazard, Chronic health hazard, Fire hazard

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**

Warning! This product contains a chemical known to the state of California to cause cancer.

16. OTHER INFORMATION

NFPA:Health: 0 Flammability: 0 Instability: 0

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

Prepared By

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Date
Revision Note

18-Feb-2016
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