

MATERIAL SAFETY DATA SHEET

Product Name: Reliner MSP® Cement
NSF Reliner MSP® Cement
CMP Reliner MSP® Cement
Geocast™ Cement

Date: January 31, 2016

SECTION 1 – GENERAL INFORMATION

Manufacturer: Standard Cement Materials, Inc.
 Address: 5710 West 34th Street, Suite A
 Houston, TX 77092

Telephone Number: (713) 680-0482
 (888) 278-1337

Emergency Telephone Number: (281) 256-4954

Trade Name: All variations of Reliner MSP™ Cement

Chemical Family: Type I/ II Portland Cement, Finely Divided Co-Polymer Modified Microsilica, Pozzolanic Fillers, Fused Amorphous Alumino Glass and Modified Powder of Ligno-sulfate, Compound Carbohydrates, Amine and Respiratory Dust

Product Use and Formula: Portland Cement, Chemical Water Reducer/ Retarder Mixture NIA

HMIS/ NFPA Rating: H F R P
 0 0 0 0

SECTION II – HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>% BY WEIGHT</u>	<u>OSHA/ PEL</u>	<u>ACGIH/ TLV</u>	<u>CASE NO.</u>
Fused Calcium Aluminate Powder Admixture	0.12	Chemical Abstract		See Above
Hazardous Components		None Established		NIA
Respiratory Dust		5 mg/ M ³	5 mg/ M ³	
Total Dust		15 mg/ M ³	10 mg/ M ³	
TYPICAL COMPOSITION				
<u>INGREDIENT</u>	<u>%</u>	<u>mg/ m3</u>	<u>HAZARDOUS DATA</u>	
CaO	38	5	Coal ash, irritation when inhaled or in contact with the eyes or moist skin.	
SiO ₂ (Crystalline Silica 0.3%)	7	2.82		
AL ₂ O ₃	41	*		
FeO + Fe ₂ O ₃	9	*		

SO ₃	1-4	*
MgO	2-6	*
Ma ₂	0.5-3	*

* SARA Title III Section 313 Reportable Components.
 Exposure Limit Abbreviations: A – ACGIH TLV; O – OSHA PEL; S – ACGIH STEL; Manufacturer’s TLV.
 NIA – No Information Available
 Levels less than that recognized as hazardous by OSHA.

SECTION III – PHYSICAL DATA

PROPERTY

Specific Gravity (Water = 1.0)	3.2
Vapor Pressure (mmHg)	NIA
Vapor Density (Air = 1)	NIA
Evaporation Rate (Ether = 1.0)	NIA
Solubility in Water	Negligible Dilution
Appearance/ Odor	Buff Color Powder and Dark Brown Grit

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

PROPERTY

Flash Point (°F)	None
Lower Explosion Limits (LEL)	NIA
Upper Explosion Limits (UEL)	NIA
Extinguishing Media:	NIA
Unusual Fire Explosion Hazards:	None. Keep in dry, safe storage with adequate ventilation.

SECTION V – REACTIVITY DATA

Stability:	Stable
Incompatible Materials:	Inert
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None

SECTION VI – HEALTH HAZARD DATA

Routes Of Entry:	Inhalation, skin contact and ingestion.
Health Hazards (Acute):	Prolonged skin exposure may cause eye and skin irritation.
Health Hazards (Chronic):	Repeated exposure may cause severe skin irritation, discomfort
Carcinogen:	None
By Exposure:	Allergies and skin disorders.

FIRST AID

Flush eyes with plenty of cool water and consult a medical physician. Thoroughly wash exposed area with soap and water. Remove contaminated clothing and wash before reuse. Consult a physician if irritation and discomfort develops or persists. Move the exposed person to fresh air immediately and provide oxygen or artificial respiration if necessary. Never give liquids or anything else to an unconscious or convulsing person. Obtain immediate medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

Material Release/ Spills:	Use proper protective equipment. Stop the spill to prevent spreading. Contain or absorb the spill with inert material and collect into a container for proper disposal. For large spills, dike the area with sand and sweep the waste material into a closed container for proper disposal. Do not flush to sewer or allow entry to waterways. Keep unnecessary people away. Clean contaminated area with detergent and water.
Waste Disposal:	Controlled incineration or burial in an approval landfill. Dispose of in accordance with Federal, state and local requirements.
Handling and Storage:	Keep containers tightly closed and stored in cool, dry place when not in use. Open containers carefully.

SECTION VIII – CONTROL MEASURES

Respiratory Protection:	Provide adequate ventilation. Use approved dust respirator mask; *NIOSH GMC Filter TC # 23C-160, Type S.
Ventilation (Local Exhaust):	If needed.
Ventilation (Special):	None.
Eye Protection:	Safety glasses or face shield.
Other Protective Clothing:	Use appropriate clothing to prevent contact with skin.
Work/ Hygiene Practices:	Wash contaminated clothing before reuse. Discard contaminated footwear. Enforce careful handling to prevent the powder admixture from blowing. Wash thoroughly after use. An eye wash station or adequate supply of clean water must be available at the work area.

SECTION IX – TRANSPORTATION

DOT (Domestic Surface)	Not regulated. No transport labels or placards required. Contains Portland Cement, Fused Amorphous Alumino glass and modified powder admixtures and respiratory dust. Concrete, Masonry Plasticizer and water reducing compound. Class 55
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Custom service: www.sales@standardcement.com