

# Material Safety Data Sheet

CEFAS - Portland Cement - Dry Powder Blend

**QUICK IDENTIFIER** (See Section 1 Product Name)

## SECTION 1- IDENTIFICATION OF PREPARATION AND COMPANY

<b>Product:</b>	CEFAS - NeoSlurry & NeoSuperSlurry Systems, P/Ns: E0101 -350-017 CEFAS, E0101 -450-017 CEFAS & E0101 -300-017 CEFAS		
<b>Application:</b>	4 1/2 gallon batch of cement slurry for dump bailers		
<b>Manufacturer's name:</b>	Neo Products, llc		
<b>Address:</b>	1201 Dealers Ave	<b>Emergency Telephone #:</b>	504-731-1011
<b>City, State, Zip:</b>	Harahan, LA 70123	<b>e-mail:</b>	<a href="mailto:info@NeoProducts.net">info@NeoProducts.net</a>
<b>Signature of person responsible for preparation (Optional):</b>	After hours calls will be answered by answering service.		
	<b>Date Prepared:</b>	January 2012	

## SECTION 2- COMPOSITION/INFORMATION ON INGREDIENTS

Component(s) [chemical and common name(s)]	% OPT.	Time Weighted Average (inhalable dust)	Time Weighted Average (respirable dust)	CAS No.
Portland Cement #2104	60.0 – 65.0 wgt %	10.0 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	65997-15-1
Silica Sand #2162	30.0 – 35.0 wgt %	0.3mg/m <sup>3</sup>	N/A	14808-60-6
Magnesium Oxide #2151	0 – 6.0 wgt %	10.0mg/m <sup>3</sup>	4mg/m <sup>3</sup>	1309-48-4
Suspension Agent #2099	0.50 – 3.0 wgt %	N/A	N/A	
Friction Reducer #2105	0.25 wgt %	N/A	N/A	
Cement Slurry Retarder #2117	1.0 – 4.0 wgt %	N/A	N/A	
<b>Symbol(s):</b>	Xi, Xn			
<b>Risk Phrases:</b>	R36, R37, R38, R40			
<b>Safety Phrases:</b>	S22, S25, S36/37/39, S38			

### SECTION 3- HAZARD IDENTIFICATION

<b>Fire:</b>	This preparation is not flammable.
<b>Health:</b>	Potentially hazardous during normal handling and use as instructed.
<b>Environment:</b>	No known hazards.
<b>Other Hazards:</b>	May cause eye, skin and respiratory irritation. May cause delayed injury to lungs. Potential carcinogen.

### SECTION 4- FIRST AID MEASURES

<b>Inhalation:</b>	Remove from area to fresh air.
<b>Ingestion:</b>	First aid procedures are not required.
<b>Skin:</b>	Wash with soap and water.
<b>Eyes:</b>	Flush with plenty of water for at least 15 minutes.

### SECTION 5- FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Product does not burn.
<b>Special fire fighting precautions:</b>	None. Product does not burn.
<b>Unusual fire and explosion hazards:</b>	No fire hazards.

### SECTION 6- ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear dust/mist respirator, work gloves and dust proof goggles.
<b>Environmental:</b>	No environmental hazards reported.
<b>Spillage:</b>	Use protective equipment, avoid creating or inhaling dust, sweep up and attempt to reuse product if not contaminated. Prevent entry into drains, sewers and watercourses.

### SECTION 7- HANDLING AND STORAGE

Avoid contact with skin and eyes. Wear Approved work gloves, dust proof goggles and dust/mist respirator. Avoid creating dust. Store in dry location in original container. Use only as instructed.

## SECTION 8- EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Engineering controls:</b>	Use in well ventilated area.
<b>Respiratory protection:</b>	Use approved dust/mist respirator.
<b>Hand protection:</b>	Use normal work gloves.
<b>Skin protection:</b>	Normal work coveralls.
<b>Eye protection:</b>	Use dust proof goggles.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Solid	<b>Color:</b> Gray	<b>Odor:</b> Odorless	<b>PH:</b> Not Determined	<b>Reactivity in Water:</b> N/A
<b>Vapor Density (Air=1):</b> Not Determined	<b>Solubility in Water (g/100ml):</b> 0.5	<b>Vapor Pressure (mm HG):</b> Not Determined	<b>Specific Gravity @ 20°C (H<sub>2</sub>O=1):</b> 3.15	<b>Flammable Limits in Air% by Volume:</b> Not Determined
<b>Flash Point:</b> Not Determined	<b>LEL Lower:</b> N/A	<b>LEL Upper:</b> N/A	<b>Melting Point:</b> N/A	<b>Boiling Point:</b> Not Determined

## SECTION 10- STABILITY AND REACTIVITY

<b>Stability Data:</b> Stable	<b>Hazardous Polymerization:</b> Will not occur	<b>Conditions to avoid:</b> Avoid contact with water	<b>Incompatibility (Materials to avoid):</b> None known	<b>Hazardous Decomposition or Byproducts:</b> None known
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## SECTION 11- TOXICOLOGICAL INFORMATION

<b>Principle route of exposure:</b>	Eye or Skin contact, Inhalation.
<b>Inhalation:</b>	Dust can irritate upper respiratory system.
<b>Skin Contact:</b>	Wet cement can dry skin and cause Alkali burns.
<b>Eye Contact:</b>	Dust can irritate eyes.
<b>Ingestion:</b>	No harmful affects known.
<b>Medical conditions aggravated by exposure:</b>	Dermatitis
<b>Chronic effects/ Carcinogenicity:</b>	Contains crystalline silica. May cause silicosis, a delayed and progressive lung disease.

## SECTION 12- ECOLOGICAL INFORMATION

<b>Mobility (water/air/soil):</b>	Not Determined
<b>Persistence/ Degradability:</b>	Not Applicable
<b>Bio-Accumulation:</b>	Not Determined
<b>Aquatic Toxicity:</b>	Not Determined

## SECTION 13- DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Consult Federal, State or Local regulations.
<b>Contaminated Packaging:</b>	Follow all applicable national or local regulations.

## SECTION 14- TRANSPORT INFORMATION

<b>NO SPECIAL PRECAUTIONS NECESSARY</b>
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## SECTION 15- REGULATORY INFORMATION

<b>Hazardous Ingredients:</b>	None
<b>Symbol(s):</b>	Xi , Xn
<b>Risk Phrases:</b>	
<b>R36</b>	Irritating to eyes.
<b>R37</b>	Irritating to Respiratory System.
<b>R38</b>	Irritating to Skin.
<b>R40</b>	Limited evidence of a carcinogenic effect. (Lab test results on silica sand have shown limited evidence of a carcinogenic effect.)
<b>Safety Phrases:</b>	
<b>S22</b>	Do not breathe dust.
<b>S25</b>	Avoid contact with eyes.
<b>S36/37/39</b>	Wear suitable protective clothing, gloves, and eye/face protection.
<b>S38</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

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## **SECTION 16- ADDITIONAL INFORMATION**

Please read the Material Safety Data Sheet before using this or any NeoProducts items. This product is intended for the stated application only. Do not use this product for any other application without first obtaining guidance from an approved NeoProducts employee beforehand.

If this product is for resale, make sure the purchaser receives a copy of this safety data sheet upon acceptance of this preparation. Make sure the employees of your company are aware of the hazards, both chronic and acute, before allowing them to use this product.

The information contained in this Material Safety Data Sheet is believed to be correct and reflects our best professional judgment. Because it is impossible to anticipate every condition under which this product will be used, this Material Safety Data Sheet shall only be used as a guide. It is imperative that each user of this product determines its suitability for his particular application and comply with all environmental and workplace regulations.