

# Material Safety Data Sheet

Cefas - Low Temp Expansion Pack  
P/N E0102-225-017-Cefas

**QUICK IDENTIFIER** (See Section 1)

## SECTION 1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of the Substances or Preparation

<b>Product:</b>	Cefas - Low Temp Expansion Pack, P/N E0102-225-017-Cefas		
<b>Synonyms:</b>	None		
<b>Chemical Family:</b>	Blend of metal oxide and polymers		
<b>Application:</b>	Blend of cement additive, fluid loss additive, and cement dispersant used to improve the degree of solid state expansion and bond strength to the casing for a cement slurry		
<b>Manufacturer's name:</b>	NeoProducts, 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>	info@NeoProducts.net
<b>Signature of person responsible for preparation (Optional):</b>	JV Carisella	<b>After hours calls will be answered by answering service.</b>	
		<b>Date Prepared:</b>	January 2012

## SECTION 2- HAZARD IDENTIFICATION

<b>Risk Phrases:</b>	N/A
<b>Hazard Overview:</b>	May cause eye and respiratory irritation.

## SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

<b>Component(s) [chemical and common name(s)]</b>	<b>% OPT.</b>	<b>Time Weighted Average (inhalable dust)</b>	<b>Time Weighted Average (respirable dust)</b>	<b>CAS No.</b>
Magnesium oxide, DTI #2151	55.0 – 60.0 wgt %	N/A	N/A	1309-48-4

Suspension Agent, DTI #2099	24.0 – 29.0 wgt %	N/A	N/A	
Friction Reducer, DTI #4244	13.0 – 18.0 wgt %	N/A	N/A	9084-06-4

## SECTION 4- FIRST AID MEASURES

<b>Inhalation:</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion:</b>	Under normal conditions, first aid procedures are not required.
<b>Skin:</b>	Wash with soap and water. Get medical attention if irritation persists.
<b>Eyes:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>Notes to physician</b>	N/A

## SECTION 5- FIRE FIGHTING MEASURES

<b>Suitable Extinguishing media:</b>	All standard fire fighting media.
<b>Unsuitable Extinguishing media:</b>	None known.
<b>Special Exposure Hazards:</b>	N/A
<b>Special protective equipment for fire-fighters:</b>	Full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece required for fire fighting personnel.

## SECTION 6- ACCIDENTAL RELEASE MEASURES

<b>Personal precautionary measures:</b>	Use appropriate protective equipment. Avoid creating and breathing dust.
<b>Environmental precautionary measures:</b>	None known.
<b>Procedure for cleaning/absorption:</b>	Scoop up and remove.

## SECTION 7- HANDLING AND STORAGE

<b>Handling precautions:</b>	Avoid contact with eyes, skin, or clothing. Avoid creating or inhaling dust.
<b>Storage Information:</b>	Store in a cool, dry location. Store in a well ventilated area. Product has a shelf life of 24 months.

## SECTION 8- EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Engineering controls:</b>	Use in a well ventilated area.
<b>Respiratory protection:</b>	Not normally needed. But if significant exposures are possible then the following respirator is recommended: Dust/mist respirator. (95%)
<b>Hand protection:</b>	Normal work gloves.
<b>Skin protection:</b>	Normal work coveralls.
<b>Eye protection:</b>	Wear safety glasses or goggles to protect against exposure.
<b>Other precautions:</b>	None known.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Solid	<b>Color:</b> White to light gray	<b>Odor:</b> Odorless	<b>PH :</b> 10.5	<b>Molecular Weight (g/mole):</b> 40.32
<b>Vapor Density (Air=1):</b> Not Determined	<b>Decomposition Temperature (C):</b> Not Determined	<b>Vapor Pressure @ 20 C (mm HG):</b> Not Determined	<b>Specific Gravity @ 20°C (H<sub>2</sub>O=1):</b> 3.46	<b>Percent volatiles :</b> 0
<b>Flash Point/Range (C):</b> Not Determined	<b>Flash Point Method:</b> Not Determined	<b>Pour point/Range (C):</b> Not Determined	<b>Freezing Point/Range (C):</b> Not Determined	<b>Boiling Point/Range (C):</b> Not Determined
<b>Density @ 20°C (kg/l):</b> Not determined	<b>Bulk Density @ 20°C (kg/m<sup>3</sup>):</b> Not determined.	<b>Autoignition temperature (C):</b> Not Determined	<b>Flammable Limits in Air – Lower (g/m<sup>3</sup>):</b> Not Determined	<b>Flammable Limits in Air – Lower (%):</b> Not determined.
<b>Flammable Limits in Air – Upper (g/m<sup>3</sup>):</b> Not Determined	<b>Flammable Limits in Air – Upper (%):</b> Not Determined	<b>Evaporation Rate (Butyl Acetate=1):</b> Not Determined	<b>Solubility in Water (g/100ml):</b> Insoluble	<b>Solubility in Solvents (g/100ml):</b> Not Determined
<b>VOCs (g/l):</b> Not Determined	<b>Viscosity, Dynamic @ 20 C (centipoise):</b> Not Determined	<b>Viscosity, Kinematic @ 20 C (centistokes):</b> Not Determined	<b>Partition Coefficient/n-Octanol/Water:</b> Not Determined	

## SECTION 10- STABILITY AND REACTIVITY

Stability Data:	Hazardous Polymerization:	Conditions to avoid:	Incompatibility (Materials to avoid):	Hazardous Decomposition or Byproducts:	Additional Guidelines:
Stable	Will not occur	None anticipated	None known.	None known.	N/A

## SECTION 11- TOXICOLOGICAL INFORMATION

<b>Principle route of exposure:</b>	Eye or skin contact, inhalation.
<b>Inhalation:</b>	May cause mild respiratory irritation.
<b>Skin Contact:</b>	None known.
<b>Eye Contact:</b>	May cause mechanical irritation to eye.
<b>Ingestion:</b>	None known.
<b>Medical conditions aggravated by exposure:</b>	None known.
<b>Chronic effects/ Carcinogenicity:</b>	No data available to indicate product or components present at greater than 1% are chronic health hazards.
<b>Other Information</b>	None known.
<b>Toxicity Tests:</b>	
<b>Oral Toxicity:</b>	Not Determined
<b>Dermal Toxicity:</b>	Not Determined
<b>Inhalation Toxicity:</b>	Not Determined
<b>Primary Irritation Effect:</b>	Not Determined
<b>Carcinogenicity:</b>	Not Determined
<b>Genotoxicity:</b>	Not Determined
<b>Reproductive/Developmental Toxicity:</b>	Not Determined

## SECTION 12- ECOLOGICAL INFORMATION

<b>Mobility (water/air/soil):</b>	Not Determined
<b>Persistence/ Degradability:</b>	Not Determined

<b>Bio-Accumulation:</b>	Not Determined
<b>Ecotoxicological Information:</b>	
<b>Acute Fish Toxicity:</b>	Not Determined
<b>Acute Crustaceans Toxicity:</b>	Not Determined
<b>Acute Algae Toxicity:</b>	Not Determined
<b>Chemical Fate Information:</b>	Not Determined
<b>Other Information:</b>	N/A

## SECTION 13- DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Bury in a licensed landfill according to federal, state, and local regulations.
<b>Contaminated Packaging:</b>	Follow all applicable national or local regulations.

## SECTION 14- TRANSPORT INFORMATION

<b>Land Transportation: ADR –</b>	Not restricted
<b>Air Transportation: ICAO/IATA –</b>	Not restricted
<b>Sea Transportation: IMDG –</b>	Not restricted
<b>Other Shipping Information: Labels:</b>	None

## SECTION 15- REGULATORY INFORMATION

<b>EC Supply labeling Requirements:</b>	This product is not subject to the labeling requirements of EC Directives 67/548/EEC and 88/379/EEC as amended.
<b>Classification:</b>	Not classified

<b>Risk Phrases:</b>	None.
<b>Safety Phrases:</b>	None.
<b>EINECS inventory</b>	This product, and all its components, complies with EINECS
<b>Germany, Water Endangering Classes (WGK)</b>	WGK 1: Low hazard to waters.

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## **SECTION 16- ADDITIONAL INFORMATION:**

This product is intended for the stated application only. Do not use this product for any other applications without first obtaining guidance from an approved NeoProducts representative, 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.

### **Disclaimer Statement:**

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.