

**SECTION 1: PRODUCT IDENTIFICATION****Product Identification:** EXPANDED PERLITE**Company Identification:** CMS Pozament  
Swains Park Industrial Estate  
Overseal, Swadlincote  
Derbyshire DE12 6JT  
Telephone: 01283 554800**SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS**

Composition of product &amp; chemical contents indicating dangerous components:

**Perlite:** CAS Number 93763-70-3 (100%) 5mg/m<sup>3</sup> nuisance (respirable dust).

Results of analysis of crystalline silica in the form of quartz and cristobalite show none detected.

**SECTION III: HAZARD IDENTIFICATION****Perlite** is classified as a nuisance dust. There are no known acute or chronic health hazards. Not considered carcinogenic.

Medical conditions that maybe aggravated: Pre-existing upper respiratory and lung diseases such as but not limited to bronchitis, emphysema and asthma.

Target Organs:	N/A
Acute Health Effects:	Transitory upper respiratory irritant.
Chronic Health Effects:	Non known
Primary Entry Routes:	Inhalation, eye contact.

**SECTION IV: FIRST AID MEASURES**

Eye Contact:	Flush with copious quantities of water.
Skin Contact:	None.
Inhalation:	Remove to fresh air.
Ingestion:	Rinse mouth, then drink water.

**SECTION V: FIRE FIGHTING MEASURES****Perlite** itself does not burn. Use fire fighting measures that suit the environment.

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## SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	In the event of spillage or leakage, avoid breathing in the dust. Wear approved dust mask, respirator and goggles.
Environmental Precautions:	Wastes generated during application, demolition, breakage or spillage are not considered hazardous waste. Comply with local regulations.
Methods for Cleaning:	Vacuum system. Utilise water spraying to prevent airborne dust. Avoid dry sweeping which creates dust.

## SECTION VII: HANDLING AND STORAGE

Storage:	Bags should be palletised and kept dry. Dust collection system should be utilised to minimise the creation of dust. Repair broken bags immediately.
Handling:	Assess manual handling requirements which may need to man lifting techniques. The product should be handled to minimise the creation of airborne dust particles. Approved goggles and dust masks should be worn.

## SECTION VIII: WORKPLACE EXPOSURE LIMIT

Take measure to prevent:	Utilise dust extraction if Occupational Exposure Standard (OES) exceeded.	
Exposure Control Limits/Source:	Occ. Exp. Standard (OES)	= 4mg/m <sup>3</sup> Respirable dust
		= 10mg/m <sup>3</sup> Total inhalable dust.
Respiratory protection:	Use approved respirator for protection against nuisance dust (type 2).	
Hand Protection:	Gloves (Optional)	
Eye Protection:	Approved anti-dust goggles recommended.	

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fluffy powder and granules
Colour:	White
Odour:	None
Boiling point/range:	N/A
Melting Point/range:	N/A
Vapour Density:	N/A
Evaporation rate:	N/A
NFPA Flammable/combustible	
Liquid Classification:	N/A
Auto ignition temperature:	N/A
Auto flammability:	N/A
Explosive properties:	N/A
Oxidising properties:	N/A
Vapour pressure:	N/A
Water solubility:	Nil
% Volatile by volume:	Nil
Flash point:	Non-flammable
Flammable limits:	N/A
Danger of explosion:	N/A

## SECTION X: STABILITY AND REACTIVITY

Conditions to avoid:	None in designated use.
Materials to avoid:	Hydrofluoric Acid.
Hazardous decomposition products:	None

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**SECTION XI: TOXICOLOGICAL INFORMATION**

Acute Health Effects: Transitory upper respiratory tract.  
 Primary Irritant Effect on Eyes: Can cause transitory irritation.  
 Chronic Toxicity: No known chronic health effects have been detected.

**SECTION XII: ECOLOGICAL INFORMATION**

Possible Effects: Water hazard 0 (self-assessment)  
 General Notes: Generally not hazardous.

**SECTION XIII: DISPOSAL CONSIDERATIONS**

Product: Disposal must comply with local regulations.  
 Packaging: Disposal must comply with local regulations.

**SECTION XIV: TRANSPORT INFORMATION**

Additional Information: Not classified as hazardous.

**SECTION XV: REGULATORY INFORMATION**

Supply Label Information: Not classified as hazardous.  
 The following risk and safety phrases are recommended:  
 Irritating to eyes and respiratory system.  
 Do not breathe dust.  
 Wear suitable protective clothing.

EINECS Number: Not applicable

**SECTION XVI: OTHER INFORMATION**

- Training Advice: Wear and use of PPE
- Recommended Uses and Restrictions. DIY and industrial applications.
- Sources of Key Data Used to Compile Data Sheet: EH40, P.P.E. Regulations 1992
- Other: EH44 "Dust in the Workplace".
  
- Health & Safety at Work etc Act 1974.
- Control of Substances Hazardous to Health Regulations 1998.
- HSE Guidance Note EH26 (Occupational Skin Diseases : Health & Safety Precautions), HMSO 1981.
- HSE Leaflet MS(B)9 : Save your skin, advice to employers (1987)
- HSE Guidance Note EH40 (Occupational Exposure Limits)
- Any authorised manual on First Aid by St. John's/St. Andrew's/Red Cross.
- Manual Handling Operations Regulations 1992.

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