Roofing Chalk

Safety Data Sheet

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SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Roofing Chalk
Use: Used on substrate surface prior to installing lead sheet.
Supplier: Premium Roofing Products, Unit B, Bingley Road, Hoddesdon, Hertfordshire, EN11 0NX
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

Substance	CAS No.	EINECS No.	C%
Calcium carbonate	471-34-1	207-439-9	97.1%
Silicon	N/A	N/A	0.2%
Magnesium	N/A	N/A	0.14%
Iron	N/A	N/A	0.09%
Aluminium	N/A	N/A	0.05%
Phosphorus	N/A	N/A	0.04%

SECTION 2: Hazards Identification

2.1. Main Hazards

The product is non-hazardous.

2.2. Other Hazards

Prolonged to high levels of dust may give rise to respiratory problems.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

First Aid Measures After Inhalation: Remove to clean atmosphere.
First Aid Measures After Skin Contact: No special requirement.
First Aid Measures After Eye Contact: Immediately wash out with plenty of water.
First Aid Measures After Ingestion: Not applicable.

3.1.1. Protection of First Aiders

No data available.

3.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Effects After Inhalation: No data available.
Symptoms/Effects After Skin Contact: No data available.
Symptoms/Effects After Eye Contact: No data available.
Symptoms/Effects After Ingestion: No data available.

3.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Antidote: No data available.
Special Treatment: No data available.

SECTION 4: Firefighting Measures

4.1. Extinguishing Media

Suitable Extinguishing Media: Not applicable.
Unsuitable Extinguishing Media: Not applicable.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: Not applicable.
Hazardous Thermal Decomposition Products: Not applicable.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: Not applicable.
Special Protective Equipment for Firefighters: Not applicable.
Additional Information: The product is non-flammable.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No data available.
For Emergency Responders: No data available.

5.2. Environmental Precautions

No data available.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: No data available.
Methods for Cleaning Up: Collect by vacuum cleaning or wash away with clean water.
Other Information: Not applicable.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: Ensure measures are taken to minimise dust.
Hygiene Measures: No data available.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Store in a dry place. Shelf life is indefinite.

6.3. Specific End Use(s)

No data available.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits:

Substance Type	Exposure Limit	Measurement Type	Averaging Period
Total inhalable dust	10mg/m³	TWA	8 hours
Respirable dust	5mg/m³	TWA	8 hours

Recommended Monitoring Procedures: No data available.
Air Contaminants Formed: No data available.
Control Banding: No data available.
DNEL & PNEC: No data available.

7.2. Exposure Controls

Appropriate Engineering Controls: No data available.
Thermal Hazards: No data available.
Environmental Exposure Controls: No data available.

7.2.1. Individual Protection Measures

Personal Protective Equipment Symbol(s): No data available.
Hygiene Measures: No data available.
Hand Protection: No data available.
Body Protection: No data available.
Other Skin Protection: Should not be a problem. Use appropriate barrier creams on sensitive skins.
Eye/Face Protection: Wear safety goggles.
Respiratory Protection: Avoid inhalation. Use dust masks (conforming to EN 149 FFP2S) as appropriate.

SECTION 8: Physical and Chemical Properties

Physical State: Powder.
Colour: White.
Odour: None.
Odour Threshold: No data available.
pH: 8.8
Melting Point: Not applicable.
Freezing Point: No data available.
Boiling Point: Not applicable.
Flash Point: No data available.
Evaporation Rate: No data available.
Flammability: Non-flammable.

Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: No data available.
Solubility: Almost insoluble.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity (kinematic): No data available.
Viscosity (dynamic): No data available.
Explosive Properties: No data available.
Oxidising Properties: No data available.
Explosive Limits: No data available.
Other Information: Specific gravity 2.72.
Molecular formula $CaCO_3$.

SECTION 9: Stability and Reactivity

Reactivity: Reacts with acid and carbon dioxide is given off.
Chemical Stability: No data available.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: No data available.
Incompatible Materials: Acid.
Hazardous Decomposition Products: Decomposes at around 550°C to form calcium carbon dioxide.

SECTION 10: Toxicological Information

10.1. Information on Toxicological Effects

Acute Toxicity: Non-toxic.
Skin Irritation/Corrosion: No data available.
Serious Eye Damage/Irritation: No data available.
Respiratory or Skin Sensitisation: No data available.
Germ Cell Mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
Teratogenicity: No data available.
Specific Target Organ Toxicity (single exposure): No data available.
Specific Target Organ Toxicity (repeated exposure): No data available.
Aspiration Hazard: No data available.

10.2. Information on the Likely Routes of Exposure

No data available.

10.3. Potential Acute Health Effects

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.4. Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.5. Potential Delayed, Immediate and Chronic Effects from Short- and Long-Term Exposure

No data available.

10.5.1. Short Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.3. Potential Chronic Health Effects

No data available.

10.6. Conclusion/Summary

Non-toxic.

SECTION 11: Ecological Information

Toxicity: Non-toxic.
Persistence and Degradability: Non-biodegradable.
Bio accumulative Potential: Non-assimilated.
Mobility in Soil: No data available.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: No data available.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: To be disposed as non-toxic waste at approved locations.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: To be disposed as non-toxic waste at approved locations.

Special Precautions: No data available.

SECTION 13: Transport Information

13.1. Transport Information

Classified as non-hazardous.

13.2. Special Precautions for User

Overland Transport: Not applicable.
Transport by Sea: Not applicable.
Air Transport: Not applicable.
Inland Waterway Transport: Not applicable.
Rail Transport: Not applicable.

13.3. Transport in Bulk according to Annex II of MARPOL and the IBC Code

No data available.

SECTION 14: Regulatory Information

14.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

14.1.1. Regulations

C.H.I.P.: Not classified as hazardous.
REACH: Exempt from regulation.
EC Regulations: Not classified.

14.1.2. Container Information

No data available.

14.1.3. Provisions

No data available.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

The contents of this Safety Data Sheet are provided without warranty as to their accuracy or completeness. The supplier accepts no liability for any loss, injury, or damage – direct or consequential – to any customer, their employees, or other persons arising from errors or omissions in this sheet, whether negligent or otherwise.