Safety Data Sheet according to Directive 91/155/EC

Revision Date: January 2017

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1) Identification of the substance/preparation and the company

Trade Name: Brodie & Middleton French Chalk, Precipitate Chalk, Champagne Chalk (Blanc de Meudon).

Application: Artists' Filler

Manufacturer/Supplier:

Brodie&Middleton Ltd
30-31 Store Street
London WC1E 7QE

Telephone: 020-7836 3289

Fax: 020-7636 8733

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2) Hazards Identification

Classification according to Regulation (EC) No 1272/2008

Classification

Not a hazardous substance or mixture.

Label Elements

Not a hazardous substance or mixture.

Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3) Composition/Information on ingredients

Micronised natural calcium carbonate $CaCO_3$

CAS No: 471-34-1

EC No: 207-439-9

Champagne Chalk – Limestone (Calcium Carbonate) - >85 - <100%

CAS No: 215-279-6

4) First Aid Measures

If inhaled: Take the subject away from the area contaminated with dust and make him blow his nose. If symptoms persist call a physician.

In case of skin contact: Wash off with plenty of soap and water.

In case of eye contact: Rinse the eyes with water for a few minutes, keeping the eyelids well open. Remove contact lenses.

If swallowed: Clean mouth with water and drink afterwards plenty of water. If necessary consult a doctor.

Most important symptoms and effects, both acute and delayed: N/A

Indication of any immediate medical attention and special treatment needed: N/A

5) Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are suitable for the surrounding fire.
Calcium carbonate is a substance not combustible and poses no fire hazard

Special hazards arising from the substance or mixture

No hazardous combustion products known.

Advice for fire fighters

In the event of a fire use self-contained breathing apparatus.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Avoid dust formation.
Follow the procedure for individual protection.

Environmental precautions

Environmental precautions: Non-toxic, inert product. No special environmental protection measures have to be taken.

Methods and Materials for Containment and Cleaning Up

Methods and materials: The preparation may be swept up mechanically.
Keep in suitable, closed containers for disposal.

7) Handling and Storage

Precautions for Safe Handling

Advice on safe handling: Follow the procedure for individual protection

Advice on protection against fire and explosion: Avoid dust formation
Provide appropriate exhaust ventilation in places where dust is formed.

Hygiene measures: General industrial hygiene practice.

Safe Storage

Storage conditions: In dry places, in the original packages, well closed away from acids. If supplied in bulk: in covered silos.

8) Exposure/Personal Protection

Exposure Controls

Appropriate engineering controls: None

Control Parameters: ACGIH/TLV: 10mg/m³

Personal protective equipment

Eye/face protection:	Safety glasses
Skin protection:	For prolonged or repeated contact use protective gloves.
Body Protection:	For prolonged or repeated contact use protective suit.
Respiratory protection:	Use dust-mask P2 (EN 143) if there are large amounts of dust above exposure limit.

Environmental exposure controls

General advice: No special environmental precautions required.

9) Physical and chemical Properties

Form:	White Powder
Odour:	Odourless
pH:	8.5-9.5, Method: DIN-ISO 787/9
Melting point	> 800 ºC
Boiling Point:	N/A
Flash point:	Does not flash
Flammability (solid, gas):	N/A
Decomposition temperature:	>600 ºC
Explosion hazard:	Not explosive
Density at 20°C:	2.6 – 2.8g/cm³, Method: DIN-ISO 787/10
Water solubility:	0.008 – 0.014g/l (20ºC)
Vapour pressure:	Involatile
Flash time:	N/A

10) Stability and Reactivity

Reactivity:	Stable under normal conditions. Decomposes over 600 ºC.
Chemical stability:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions:	Stable under normal conditions.
	Reacts with acids. Forms carbon dioxide (CO2). This displaces the oxygen in the air in closed spaces. (Danger of suffocation).
Conditions to avoid:	No data available.
Incompatible materials:	Acids.
Hazardous decomposition products:	Carbon dioxide (CO2).

11) Toxicological Information

Information on toxicological effects

Acute toxicity:	Non-toxic, inert product.
Skin corrosion/irritation:	Not considered a skin irritant.
Eye irritation:	Not considered an eye irritant.
Respiratory or skin sensitization:	No data available.
Additional toxicological information:	None.

12) Ecological Information

Toxicity

Not regarded as dangerous for the environment. It is a naturally occurring mineral. Not biodegradable.

Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): >10,000 mg/l. Exposure time 96h

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (water flea)): >1,000 mg/l. Exposure time 48h

Toxicity to algae: EC50 (Desmodesmus subspicatus (green algae)): >200 mg/l. Exposure time 72h

Persistence and degradability

Biodegradability: Not applicable

Bioaccumulative potential

Partition coefficient: n- octanol/water: Not applicable

Mobility in soil:

No data available

Results of PBT and vPvB assessment

N/A

Other adverse effects

N/A

13) Disposal Information

Waste Treatment Methods

In authorised dumps, in accordance with Local Authority requirements.

Treat contaminated containers in the same way as product.

14) Transport Information

Not regulated as a dangerous good. If substance is loaded in bulk on open trucks, must be covered with a tarpaulin.

Not classified as dangerous in the meaning of transport regulations.

15) Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

No compulsory identification under EC directives and national regulations.

Chemical Safety Assessment: No data available.

16) Other information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist