

MATERIAL SAFETY DATA SHEET

MARBLE DUST – POUDRE DE MARBRE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Code: Marble Dust – Poudre de marbre 1kg
Product Name: (0-50 μ) Extra Fine Marble Dust or (0-160 μ) Fine Marble Dust
IC Color: White, powder

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Preparation: Filler or texture enhancer for primer, stucco, cement, paint and pigments

1.3. Details of the Supplier of the Safety Data Sheet

Company: COLOR RARE LTD (Canada) | COLOR-RARE L.L.C. (USA)
Tel/Fax:
Internet: www.colorare.ca | www.colorare.us
Emergency No.:

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture.

The product is NOT classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Made in France

Head office: Color-Rare France: 19, rue Pablo Neruda - 33140 Villenave d'Ornon
www.colorare.fr / 33@colorare.fr / Tel: 05 56 52 04 79

Imported and distributed in USA by COLOR-RARE L.L.C and in Canada by COLOR-RARE LTD

Hazard classification and indication: None

2.1.2. Directive 67/548/EEC and following amendments and adjustments.

Danger Symbols: Xi
R phrases: R41

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms:

Signal words: Warning

Hazard statements : H335 - May cause respiratory irritation

Precautionary Statements : P261 - Avoid breathing dust
P264 - Wash exposed skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
If inhaled: Remove person to fresh air and keep comfortable for breathing

Contains: Calcium Carbonate (CaCO₃ CAS No. 1317-65-3, EINECS 215-279-3): 85 - 100 %)

SECTION 3: Composition/Information on Ingredients

Calcium Carbonate (CaCO₃ CAS No. 1317-65-3, EINECS 215-279-3): 85 - 100 %)

SECTION 4: First-Aid Measures

General information: It is not recommended to inhale this product or put into eyes or mouth.
If symptoms persist, call a physician.

EYES: Immediately rinse eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persists.

SKIN: Rinse affected area with large amounts of water until no evidence of product remains. Get medical attention if irritation persists.

INGESTION: Treat symptomatically and supportively. Rinse mouth with plenty of water. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician if symptoms persist. If person is unconscious, do not administer anything by mouth.

INHALATION: Immediately remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively.

NOTE TO PHYSICIAN: The physician's judgment should be used to control symptoms and clinical condition based on the individual reactions of the patient.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: The product itself does not burn. Use extinguishing media for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Not flammable but use typical measure required for a chemical fire.

5.3. Advice for firefighters.

GENERAL INFORMATION

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

Avoid formation of dust. Wear skin, eye and respiratory protection as recommended in Section 8. Keep unnecessary personnel away. Ventilate spill area if possible.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Rinse spill areas. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet.
Hygienic measures: Wear personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Wash hands/exposed skin after using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed, original containers in a cool dry area. Keep the containers tightly closed and clearly labeled containers when not in use. Keep away from strong oxidizers and strong acids. This product is a non-combustible solid.

7.3. Specific end use(s).

Information not available.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Does not contain any components with workplace limit values.

Natural calcium carbonate, CAS 1317-65-3

VME (FR): 10 mg/m³

MAK (CH): 3 mg/m³

OEL/ HTP (FD): 10 mg/m³ (8h) TWA / EH40 (GB): 10 mg/m³; 4 mg/m³

8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Ensure the usual precautionary measures are taken when handling chemicals.

Personal protective equipment

Eye Protection: Safety glasses EN 166

Hand Protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Glove material	Breakthrough time	Glove thickness	Glove comments
Natural rubber	See manufacturers	-	Splash protection only
Nitrile rubber	recommendations		
Neoprene			
PVC			

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly **Recommended Filter type:** Particulates filter conforming to EN 143/ P2 Filter

Environmental exposure controls Not required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	solid
Colour:	white powder
Odour:	odorless
Odour threshold:	not available.
pH:	8.5 - 9.5 (100 g/l; 20°C)
Melting or freezing point:	1340°C (102 bar)
Boiling point:	Not applicable
Distillation range:	Not available.
Flash point:	Non flammable.
Evaporation Rate:	Not available.
Flammability of solids and gases:	Not applicable.
Lower flammability limit:	Not available.
Upper flammability limit:	Not available.
Lower explosive limit:	Not available.
Upper explosive limit:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Density:	2.6 - 2.8 g/cm ³ (20°C)
Solubility:	Water: < 0.03 % (20°C)
Partition coefficient: n-octanol/water:	< 1 (estimated)
Ignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Viscosity:	Not available.
Reactive Properties:	Not available.
VOC (Directive 2004/42/EC):	Not applicable.
VOC (volatile carbon):	Not applicable.
Molecular Formula	CaCO ₃

SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under normal conditions. Reacts with acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with acids.

10.4. Conditions to avoid

No information available but thermal decomposition is >825 degrees C.

10.5. Incompatible materials.

Formation of carbon dioxide after reaction with acids.

10.6. Hazardous decomposition products.

Carbon dioxide: removes oxygen from the air in closed rooms and causes suffocation.

SECTION 11: Toxicological Information

Calcium Carbonate (471-34-1)

LD50 oral rat	5000 mg/kg
LD50, dermal	Not information
LD50, inhalation	No information

Skin corrosion/irritation : non irritating.

Serious eye damage/irritation : non irritating.

Respiratory or skin sensitization : irritant.

Germ cell mutagenicity : No information.

Carcinogenicity : No information.

Reproductive toxicity : No information.

Specific target organ toxicity – single exposure : May cause respiratory irritation.

Specific target organ toxicity – repeated exposure : No information.

Aspiration hazard : No information.

Potential Adverse human health effects and symptoms :Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation :May cause respiratory irritation.
Symptoms/injuries after skin contact : non irritating.
Symptoms/injuries after eye contact : non irritating.

SECTION 12: Ecological Information

12.1. Toxicity.

The components of the product are not classified as hazardous to the environment. However, the possibility of adverse or adverse environmental effects from major or frequent spills cannot be ruled out.

Fish toxicity:

LC50: > 10000 mg/l (96h, Brachydanio rerio; OECD 203)

Daphnia toxicity:

EC50: > 1000 mg/l (48h, Daphnia magna; OECD 202)

Bacteria toxicity: no information available

Algae toxicity:

EC50: > 200 mg/l (72h)

12.2. Persistence and degradability.

The product is not biodegradable.

12.3. Bio accumulative potential.

This product does not contain substances that are expected to have a bioaccumulation effect.

12.4. Mobility in soil and water.

The product is insoluble in water but not information is available for soil.

12.5. Results of PBT and vPvB assessment.

Information not available.

12.6. Other adverse effects.

The solid form of these materials are a main component of the rocks at the earths surface.

In the dissolved state it is a natural and indispensable component of the natural waters.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods.

Can be disposed of as a non-toxic/inactive product at approved landfill sites under current local regulations. Uncontaminated packaging can be recycled.

SECTION 14: Transport Information

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NO RESTRICTIONS. This material is not considered as dangerous according to the current provisions on road transport of dangerous goods.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Information not relevant.

SECTION 15: Regulatory Information

Not hazardous.

SECTION 16: Other Information

The information contained in this document is based on our own knowledge on the date of the current version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The correct and safe use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. Colorare is not liable for improper use of the product.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition