

## MATERIAL SAFETY DATA SHEET

WHITING POWDER – BLANC DE MEUDON

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

#### 1.1. Product Identifier

Code: Whiting Powder - Blanc de Meudon 1kg  
Product Name: Blanc de Meudon, powder  
IC Color: White

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

Use of the Substance/Preparation: Filler for primer, 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](http://www.colorare.ca) | [www.colorare.us](http://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 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.

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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  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves, eye protection  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P501 - Dispose of contents/container to comply with local, state and federal regulations  
If inhaled: Remove person to fresh air and keep comfortable for breathing

**Contains:** Calcium Carbonate, Quartz (less than 1% Quartz)

## SECTION 3: Composition/Information on Ingredients

Calcium Carbonate, Quartz (less than 1% Quartz)

## 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 persist.

**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. 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. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

**INHALATION:** Immediately remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

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

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## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water / jet stream.

### 5.2. Special hazards arising from the substance or mixture

Not flammable. Upon combustion: CO and CO<sub>2</sub> are formed. Violent to explosive reaction with (some) acids.

### 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).

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## SECTION 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment, and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if

possible. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic.

## 6.2. Environmental precautions

Should not be released into the environment, sewers or waterways.

## 6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Keep in suitable, closed containers for disposal. Dispose in suitable waste container.

## 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. Store away from excessive heat/ direct sunlight and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed and clearly labeled containers when not in use. Keep away from strong oxidizers and strong acids.

### 7.3. Specific end use(s).

Information not available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Calcium Carbonate (471-34-1)		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Quartz (14808-60-7) (EC No. 238-878-4)		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>

## 8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

### *Personal protective equipment*

**Eye Protection:** Goggles

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

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

When RPE is used a face piece Fit Test should be conducted

### **Environmental**

**exposure controls** No information available.

### *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

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Colour:	white powder
Odour:	odorless
Odour threshold:	not available.
pH:	Not available.
Melting or freezing point:	1517 °F (825 °C)
Boiling point:	Not available.
Distillation range:	Not available.
Flash point:	Not applicable.
Evaporation Rate:	Non flammable.
Flammability of solids and gases:	Not available.
Lower inflammability limit:	Not available.
Upper inflammability limit:	Not available.
Lower explosive limit:	Not available.
Upper explosive limit:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Specific gravity:	2.93 g/cm <sup>3</sup>
Solubility:	Water: 0.00153 g/100ml
Partition coefficient: n-octanol/water:	Not available.
Ignition temperature:	Not available.
Decomposition temperature:	1517 °F (825 °C)
Viscosity:	Not available.
Reactive Properties:	Not available.
VOC (Directive 2004/42/EC):	Not available.
VOC (volatile carbon):	Not available.
Molecular Formula	CaCO <sub>3</sub>
Molecular Weight	100.09 g/mol

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Upon combustion: CO and CO<sub>2</sub> are formed. Violent to explosive reaction with (some) acids.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reacts violently with acids.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials.

Strong oxidizers, Strong acids.

## 10.6. Hazardous decomposition products.

Carbon monoxide, Carbon dioxide.

## SECTION 11: Toxicological Information

Likely routes of exposure : Inhalation; Skin and eye contact

Acute toxicity : Not classified

### Calcium Carbonate (471-34-1)

LD50 oral rat	6450 mg/kg
ATE US (oral)	6450.000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes eye irritation.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

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

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

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 : Causes skin irritation.

Symptoms/injuries after eye contact : Causes eye irritation.

## 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.

CL 50, 96 H, POISSON, MG/L -1000 CE 50, 48 H, DAPHNIA, MG/L

CI 50, 72 H, ALGUE, MG/L

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## 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.

Information not available. Avoid release of the product into the environment.

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## 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.

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. Avoid release/ disposal of the product into the environment, waterways and sewers.

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## SECTION 14: Transport Information

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

### USA

<b>Calcium Carbonate (471-34-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

### Canada

<b>Calcium Carbonate (471-34-1)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

## 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