



VMPC BUSINESS JOINT STOCK COMPANY

Addr.: 4/19, No. 93, Vuong Thua Vu Str., Thanh Xuan Dist., Ha Noi, Vietnam

Tel.:84-4-35134082/3/MB: 84-912817807; Fax:84-4-35680398

MST: 0102543189 - Website: www.vmpc.com.vn - Mail: vmpcjs@gmail.com

MATERIAL SAFETY DATA SHEET

Date of issuance: 16th September, 2016

Date of expiry: :16th September, 2017

1. Product and company identification

1.1. Product identification

Uncoated Calcium Carbonate Powder

1.2. Manufacture's name

VMPC JSC.

1.3. Emergency Telephone number

(84 4) 385-314-43

2. Composition/ Information on Ingredients

- Heavy metal: None
- CaCO₃ content: $\geq 96\%$
- MgO content: $\leq 0.6\%$
- Fe₂O₃ content: $\leq 0.2\%$
- Al₂O₃ content: $\leq 0.2\%$
- SiO₂ content: $\leq 0.2\%$
- PH value: 8÷9

3. Hazards identification

Non-metallic mineral , very stable in quality. Much powder and dust may be irritate to the eyes and skin but there is no special toxicity to human or animals. Repeated and prolonged inhalation should be prohibited.

4. First aid measures

4.1. Eye contact

Wash the eyes with large amount of running water or by putting the face into a vessel filled with water. If the eyes remain hurt excessive congestion even after the washing treatment by a specialist doctor is imperative.

4.2 Skin contact

Washing the skin or affected areas with the water and soap for better cleaning effect. If clothing are vastly contacted, change it immediately.

4.3. Inhalation

Remove to fresh air applying artificial respiration if needed. Seek medical advice.

5. Fire fighting measures

- Suitable extinguishing media: water spray jet
- Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases: capable of dust explosion.
- Special protective equipment for firefighters: Do not inhale explosion and/ or combustion gases



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6. Accidental release measures

Wearing safety chemical goggles, filter masks and rubber or leather gloves in order to protect working personel for hazards

7. Handling and storage

No special storage or transport requirements are necessary. Containers are to be kept closed in order to avoid generation dust and to minimize contamination.

8. Exposure controls & personal protection

8.1. Respiratory protection

Use dust-type mask

8.2. Hand protection

Use rubber glove

8.3. Skin protection

Wear appropriate clothing

8.4. Eye protection

Use safety glass

9. Physical and chemical properties

Appearance

Snow white powder and odourless

Particular shape

Fine powder of roundist shape

Solubility

Insoluble in water but highly soluble in acid

Hardness

3 Moh

Loss at 900°C

42% - 44%

Loss at 105°C

0.2% - 0.4%

Acid insoluble

0.3% Max

Specific Gravity

2.7 g/cm³

Whiteness

≥ 90%

Brightness

≥ 90%

Change in condition

Melting point

825°C

Flash point

Not relevant

Flammability limits

Not relevant

Solubility in water

Negligible

Vapor pressure

Not relevant

10. Stability and reactive data

10.1. Material to avoid

None

10.2. Hazardous decomposition products

None with proper handling and storage

11. Toxicological information

Dust may irritate your eyes

12. Ecological information

Non-irritant



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13. Disposal considerations	In accordance with local regulations
14. Transport information	Not a hazardous material for transportation
<i>Land transport</i>	ADR/RID - GGVS/E class: None
<i>Marine transport</i>	IMDG/ GGVSee class: None
<i>Air transport</i>	ICAO-Ti/IATA-DGR class: None
15. Regulatory information	The product does not require a hazard warning label in accordance with EC directives on dangerous substances
16. Other information	
<i>16.1. Training</i>	None
<i>16.2. Use restrictions</i>	None
<i>16.3. Technical center references</i>	None
<i>16.4. Bibliography</i>	None
	The information provided in this Safety Data
Disclaimer:	Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any others materials or in any process unless specified in this text.

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