Carbocia

CALCIUM CARBONATE	Date : Dec 2018

1. IDENTIFICATION OF THE PRODUCT/PREPARATION AND THE COMPANY

NAME OF THE PRODUCT: CARBOCIA 80/310/1300/2100/4200/4500/CARBOFEED/CEMCARB

Recommended applications: *Filler for hydraulic concrete, mortar and bitumes*

Supplier:

CARBOCIA
440 RUE LOUIS MARGA
LOUVIL 59830
Tel.: 03 20 55 56 79 Fax: 03 20 79 56 57

EMERGENCY CALL: ORFILA (France): (33) (0) 1 45 42 59 59

2. HAZARDS IDENTIFICATION

Adverse consequences for health: No specific risk, if taking into account the general rules regarding industrial hygiene to prevent inhalation of dust.

Route of exposure: The main health risk associated with the use of sand or natural aggregates is inhaling dust that can cause irritation of the respiratory tract.
Inhaling fine dust over a long time can be harmful to the health. If this dust contains crystalline silicon in high concentrations, there is a risk of developing silicosis. The main symptoms of this chronic disease are breathing difficulties and coughing.
Prolonged exposure to high concentrations of crystalline silicon can increase the risk of lung cancer. See also section 8.

Risks for the environment: Risks unknown.

Physical and chemical hazards: No

3. COMPOSITION/INFORMATION ON INGREDIENTS

Nature of the rock: Natural ground calcium carbonate.

Main ingredients: Natural granulates.
Natural granulates are extracted from natural solid rock or alluvial sedimentation. These products are the result of combinations of different minerals.

Substance (scientific or geological names)	**Symbol**	**N ° CAS**	**EINECS N °**
Amorphous silicon	SiO2	-	-

Lime		1317 6-5-3	215 2-79-6
Calcium carbonate, lime, marble, calcite, chalk	CaCO3	471 -34-1	207 -394-9
Mixed calcium carbonate and magnesium, magnesium-rich limestone, dolomite, dolomites	CaCO3.MgCO3	16389 -88 -1	240 44-0-2

4. FIRST AID

Inhalation:	Inhalation of fine dust can irritate the respiratory tract. Bring the victim into the outside air. Get medical aid if irritation persists.
Skin contact:	Wash skin with soap and water.
Eye contact:	Mechanical irritation by product particles – watery eyes and temporary pain. Keep the eyelids open and rinse under running water (for at least 15 min.) In case of irritation, consult a doctor.
Ingestion:	Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Degree of flammability	The product is non-flammable
Extinguishing agents	In case of fire, all available extinguishing agents which are available

6. ACCIDENTAL RELEASE MEASURES TO TAKE

Individual precautions:	Avoid contact with eyes and inhaling of the dust particles Personal protective equipment: -safety glasses -appropriate dust mask
Precautions for the environment :	Avoid penetration into sewerage or drinking water.
Cleaning methods :	Gather together the product mechanically Avoid or limit the formation and spread of dust.

7. HANDLING AND STORAGE

HANDLING

Precautions to be taken:	Avoid formation or spread of dust in the atmosphere. Avoid contact with eyes and inhalation of dust (see item 8) Wash your hands and the exposed body parts with a gentle soap and water before eating, drinking, smoking and before leaving the work environment.
Instruction for use:	If there is insufficient ventilation, use an appropriate breathing apparatus.
Decontamination methodology	Wash the clothes covered in dust down before wearing them again.

STORAGE

Technical measures — does not require any specific or special technical measures

8. EXPOSURE/PERSONAL PROTECTION

Technical measures — Make sure you get good ventilation in the workplace in order to limit the exposure to dust.

Reminder of the exposure limit value:

For all dust-Art. 4222-10 labour legislation Decree n ° 2008-244 of 7 March 2008 art V:	**Extreme exposure limits**
Total dust less than 0.1 mm	V M E : 10 mg/ m³
Total inhalable particles (less than 5 microns)	V M E : 5 mg/ m³

For substances that contain – crystalline silicon Decree 97-331, 10 april 1997-Art 4412-149 labour legislation:	**Extreme exposure limits**
Inhalable quartz dust	V M E : 0.1 mg / m³
Inhalable Cristobalite dust	V M E : 0. 0g5 m/ m³
Inhalable Tridymite dust	V M E : 0.0 m5g/ m³

In the presence of a mixture of fine dust consisting of silogenes and non-silogenesgenes, the following formula must be respected: *Cns/5 + Cq/0.1 + 0.05 + Cc/Ct/0.05 < 1, with Cns, Cq, Cc, Ct respectively suggesting the dust concentrations in non silogenes, quarts, cristobalite and tridymite expressed in mg/m3*

Personal protective equipment:

-Protection of breathing	Dust mask adapted to the exposure conditions.
-Hand protection	wearing gloves when risk of abrasion
-Eye protection	If necessary wear safety glasses with blinders. Wearing contact lenses is not recommended.
-Protection of the skin and the body	not applicable

Hygiene rules: Do not shake out work wear. Do not use compressed air to remove the dust from the clothes.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Fixed divided.
Color:	White
Smell:	No
Ph:	neutral
Explosion hazard:	
-Combustable temperature:	Not applicable (non-combustible material)
-Self ignition temperature:	Not apply
-Vapour pressure:	Not apply

Apparent density	Cf. Technical data sheet
Real density:	Cf. Technical data sheet
Solubility in water:	limestone: 14 à 16 mg/l Dolomite: 28 à 120 mg/l

10. STABILITY AND REACTIVITY

Stability:	Stable at ambient temperature and normal conditions of use.
	Limestone : breaks down at 900 °C into quicklime and CO2. *Dolomite* : breaks down at 700 °C into magnesium oxide and CO2, and then at 900 °C into quicklime and CO2.
Hazardous reactions:	No reaction under normal circumstances.

11. TOXICOLOGICAL INFORMATION

Local effects:	Dust can cause eye irritations by mechanical effect. Dust can irritate the respiratory tract. Prolonged or repeated contact of mineral dust with the skin may cause a dehydration of the skin and lead to dermatitis.
Hypersensitivity:	No.
Chronic/long term toxicity:	Prolonged exposure to inhalable dust may cause lung damage such as chronic bronchitis, silicosis or pneumoconiosis, if the dust contains free crystalline silicon.
Unwanted health effects:	The condition of people with lung disease can be exacerbated by a prolonged exposure to a dusty environment.

12. ENVIRONMENTAL INFORMATION

BIODEGRADABILITY	not easily biodegradable
ECOTOXICITICY	
Effects on aquatic organisms	no

13. REMOVAL

PRODUCT WASTE:	
Destruction/disposal	Storage class 3 (inert waste) in accordance with the Decree of 15 March 2006.
CONTAMINATED PACKAGING:	
Destruction/removal	Not applicable.

Note: the user's attention is drawn to the possible presence of laws, regulations and administrative provisions at community, national or local level in relation to the disposal.

14. FEEDBACK REGARDING TRANSPORT

No specific regulations. Avoid the spread of dust, for example, by using a cover. See section 8.

15. REGULATORY INFORMATION

EC LABELLING:

-Symbols and indications of danger:	No symbol
-Sentences R:	No Sentences R
-Sentences S:	No Sentences S

OTHER ORDINANCES:
National provisions-France: *Silicon:* table 25 of work-related diseases.

The regulatory information given above only indicates the principal regulations that are specific to the product of the FDS.
The user's attention is drawn to the possible existence of additional provisions of these regulations.
It is recommended to refer to all possible applicable national, local or international guidelines.

16. OTHER DATA

Extra information	*In case of CE products, indicate the European standards on the CE label and corresponding articles to the standard XP P 18-545.*
Sources	INRS (National Institute for research and safety); European Chemicals Bureau (ECB); IUCLID (International Uniform Chemical Information Database); IARC (International Agency for research on cancer); HSDB (Hazardous Substances Data Bank) (National Library of Medicine).

This material safety data sheet was drawn up in accordance with article 31 and Annexe II to the Regulation (CE) No 1907/2006 (REACH) and their amendments. All information and instructions in this fact sheet are based on scientific and technical knowledge at the date of the current sheet.

The information on this sheet is reliable to the extent that the product is used as indicated and in accordance with the specific guidelines on the packaging and/or the technical data sheet. Any other use of the product, including use in conjunction with another product or another process, is on the full responsibility of the user or persons who have received this form.

It is the responsibility of the person who has received this form to ensure that the information is properly read and understood by all people who will use or handle the product or to come in contact with it in any way. If the person who receives this form should draw up a formula that includes the product, it falls under the responsibility of that person to ensure that its own material and safety data sheet will contain all the important information listed in this form in accordance with Council Regulation (CE) No 1907/2006.

This list should not be regarded as complete. It does not exempt the user from the obligation to ensure that other texts than those stated above, are mentioned in relation to the storage and use of the product and for which it is responsible.

Compliance: this form complies with European Regulation n ° 1907/2006.
It meets the Decree of 9/11/2004 (OJ of 18/11/2004) that lays down the procedures for the preparation and forwarding of safety data sheets.

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