



Natural crystalline calcium carbonate powder - Coated

1. IDENTIFICATION OF THE PRODUCT /COMPANY

Trade name:	«NOVOCARB C»
Relevant uses of the mixture :	Mineral filling material (filler). Natural crystalline calcium carbonate, coated with vegetable wax (stearic acid) that makes it hydrophobic. Used mainly in production of PVC, polyolefins (PE, PP, etc), paints, and cables
Details of the supplier of the safety data sheet Manufacturer/Supplier:	DIONYSSOMARBLE Head Office: 364 Kifissias av. & 1 Delfon str.,15233 Halandri – Athens /Greece Tel: 0030 210 6853401 - 0030 210 6211400
Emergency phone number & e-mail:	0030 6936 994 293 (Mr. N. Nikolaidis) nnikolaidis@dionyssomarble.gr

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008:	The mixture is not classified according to Regulation (EU) 1272/2008 (CLP)
Classification according to Directive 67/548/EEC or Directive 1999/45/EC:	The mixture is not classified according to Directives 67/548/EEC and 1999/45/EC
Labelling according to Directives 67/548/EEC or 1999/45/EC	No label elements are required. The product is not dangerous.
Labelling according to Regulation (EU) 1272/2008 (CLP)	No label elements are required. The product is not dangerous.
Results of PBT and vPvB assessment:	
PBT:	Not applicable.
vPvB	Not applicable.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization:	Mixture
Product Description:	Fine particle size natural crystalline calcium carbonate, of high whiteness, deriving from the white marble deposit of Dionyssos – Attica/ Greece. Coated with vegetable wax by the use of 100% natural procedure. The resulting material is hydrophobic.
Chemical composition:	Mixture: consisting of the following components.:
CAS: 1317-65-3	calcium carbonate (>98% w/w)
CAS: 57-11-4	stearic acid, pure
EINECS: 200-313-4	
CAS: 57-10-3	palmitic acid, pure
EINECS: 200-312-9	
Dangerous components:	Void



4. FIRST AID MEASURES

General information:	No special measures required.
After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Generally the product does not irritate the skin.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	If symptoms persist consult doctor.
Information for doctor:	
Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed:	No further relevant information available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:	Not flammable. Any type of extinguishing media to be selected according to materials burning in the immediate area.
Special hazards arising from the mixture:	When heated at temperature above 900oC (i.e. long lasted fire), carbon dioxide is liberated thereby forming calcium oxide.
Advice for firefighters:	
Protective equipment:	Special protective equipment: None specific needed. Wear protective equipment if required for other materials within the immediate vicinity.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Not required.
Environmental precautions:	No special measures required.
Methods and material for containment and cleaning up:	Ventilate the area of leak or spill., sweep up the area and containerize the material for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Residues can be flushed with water.
Reference to other sections:	No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. HANDLING AND STORAGE

Handling:	
Precautions for safe handling:	No special measures required
Information about fire - and explosion protection:	No special measures required.
Conditions for safe storage, including any incompatibilities:	It must not be stored close to acids.

**Storage:****Requirements to be met by storerooms and receptacles:**

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Protect from humidity and water.

Specific end use(s)

No further relevant information available.

8 . EXPOSURE CONTROLS /PERSONAL PROTECTION**Additional information about design of technical facilities:**

No further data; see item 7.

Control parameters:**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

Exposure controls:**Personal protective equipment:****General protective and hygienic measures:**

No special measures necessary

Respiratory protection:

Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Not required.

9 . PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties:****General Information:****Appearance:****Form:**

Powder

Colour:

white

Odour:

Odourless

Odour threshold:

Not determined.

pH-value (50 g/l) at 20°C:

Not determined.

Change in condition:**Melting point/Melting range:**> 825 °C (decomp.) for CaCO₃**Boiling point/Boiling range:**Not applicable, CaCO₃ decomposes above 825 °C**Flash point:**

Not applicable.

Flammability (solid, gaseous):

Not determined.



Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density at 20°C:	2,7 g/cm ³
Bulk density at 20°C:	200-300 kg/m ³
Relative density:	Not determined.
Vapour density:	Not applicable.
Evaporation rate:	Not applicable.
Solubility in water at 20°C:	Almost insoluble (coated CaCO ₃)
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Solvent content:	
Solids content:	>97 %
Other information:	No further relevant information available.

10 . STABILITY & REACTIVITY

Reactivity:	
Chemical stability:	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications. When heated at temperature above 900oC (i.e. long lasted fire), carbon dioxide is liberated thereby forming calcium oxide .
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	Strong acids
Incompatible materials:	Release of carbon dioxide when contacted with strong acids.
Hazardous decomposition products:	No dangerous decomposition products known.

11 . TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity:	Oral: Not toxic Inhalation: Not toxic Dermal: Not toxic
Primary irritant effect:	
on the skin:	No irritant effect.
on the eye:	No irritating effect.
Sensitization:	No sensitizing effects known.
Mutagenicity	Not mutagenic
Carcinogenicity	Not carcinogenic
Systemic toxicity	No systemic effects observed for single or repeated exposure.
Reproductive toxicity	No effects observed
Developmental toxicity	No effects observed

**12. ECOLOGICAL INFORMATION****Toxicity:**

Material is not dangerous for the environment as the ecotoxicological information for the industrially produced Calcium carbonate shows:

Aquatic toxicity:

Fish: Not toxic
Crustacea: Not toxic
Algae / aquatic plants: Not toxic

Chronic (long-term) aquatic toxicity:

Fish: Not applicable
Crustacea: Not applicable

Aquatic microorganisms:

Not toxic

Earthworms:

No effects observed up to 1000 mg/kg

Terrestrial plants:

No effects observed up to 1000 mg/kg

Persistence and biodegradability:

All organic molecules present in the product are readily biodegradable (>60% BOD/COD reduction or 70% DOC reduction in 28 days) in tests for ready biodegradability, according to OECD 301 methods.

Behaviour in environmental systems:**Bioaccumulative potential:**

No further relevant information available.

Mobility in soil:

No further relevant information available.

Additional ecological information:**General notes:**

Generally not hazardous for water

Results of PBT and vPvB assessment:

The PBT and vPvB criteria of Annex XIII to the Regulation do not apply to inorganic substances. The organic molecules in the product are not PBT or vPvB.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods:**

It is not identified as hazardous waste. Dispose according to local, state national or European waste legislation. Disposal remains the responsibility of the waste treatment operator.
Smaller quantities can be disposed of with household waste.

Recommendation:**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION**UN-Number**

Void

ADR, ADN, IMDG, IATA**UN proper shipping name**

Void

ADR, ADN, IMDG, IATA**Transport hazard class(es)**

Void

ADR, ADN, IMDG, IATA**Class****Packing group**

Void

ADR, IMDG, IATA**Environmental hazards:**

No

Marine pollutant:**Special precautions for user**

Not applicable.

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

Not applicable.

UN "Model Regulation":

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IONYSSOMARBLE

Filler unit

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

ΠΡ-Φ-05.01.33

Revision: 15.11.2012

15. REGULATORY INFORMATION

The material is not subject to any special EU directives concerning protection of human health or the environment

16. OTHER INFORMATION

Indication of changes

The previous version of the Safety Data Sheet for the product (date 27.10.2010) has been revised, according to Regulation 453/2010.

Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

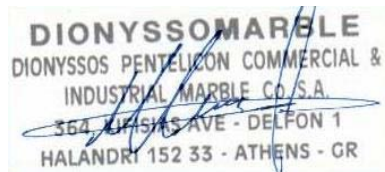
IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



N. Nikolaidis

Manager of filler unit

Dionyssomarle S.A.