

SAFETY DATA SHEET 141

MARBLE VIBES

1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1 Product identifier

Product name MARBLE VIBES

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

Description/Application DECORATIVE COATING

1.3 Details of the supplier of the safety data sheet

Name: BERICALCE S.R.L.

Full address: Via Piave n.23 - 36033 Isola Vicentina (VI) - Italia

Phone: Tel1: +39 0444 929102

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E-mail address of the competent person responsible to the Safety Data Sheet

info@bericalce.it

1.4 Emergency telephone number

For urgent inquiries refer to

SANITARY EMERGENCY

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP).

The product, containing dangerous substances in concentrations that must be declared in section 3, requires a safety data sheet complies with the provisions of Regulation (EC) n. 1907/2006 and Regulation (EU) 2020/878, and subsequent amendments.

Hazard classification and indication:

Not classified as hazardous.

2.2 Label elements

Danger labeling: -

Warnings: -

Hazard indication:

EUH208

Contains:

5-cloro-2-metil-2H-isotiazol-3-one e 2-metil-2H-isotiazol-3-one (mix3:1)

It may cause an allergic skin reaction.

Safety advice:

-

2.3 Other dangers

Based on available data, the product does not contain any PBT or vPvB substances as more than 0,1%

MARBLE VIBES**3 COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substance**

No relevant information.

3.2 Miscela

It contains:

Identification	Conc. %	Classification 67/548/CEE. Classification 1272/2008 (CLP).
<u>Calcium Carbonate</u> CAS. 471 - 34 - 1 CE. 207 - 439 -9 INDEX. -	50 - 60	Substance with a community exposure limit in the workplace
<u>Titanium Dioxide</u> CAS. 13463-67-7 CE. 236-675-5 INDEX. -	7 - 10	Substance with a community exposure limit in the workplace

4 FIRST AID MEASURES**4.1 Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention.

Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take precautions for rescue workers.

4.2 Most important symptoms and effects, both acute and delayed.

For symptoms and effects caused by the contained substances, see chap. 11.

4.3 Indication of any immediate medical attention and special treatment needed.

Follow doctor's instructions.

5 FIREFIGHTING MEASURES**5.1 Extinguishing media**

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be conventional: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Nothing in particular.

5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3 Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

EQUIPMENT

Normal fire fighting 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).

MARBLE VIBES**6 ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These directions are valid both for the workers to work which for emergency interventions.

6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface or ground water.

6.3 Methods and material for containment and cleaning up

Draw product spilled in suitable container. Assess the compatibility of the container to be used with the product, verifying section 10. Absorb the remaining inert absorbent material.

Deposit spillage in containers for future use. Ensure adequate ventilation of the place affected by the loss.

Verify the compatibility of containers' material in section 7.

The disposal of contaminated material must be made in accordance with section 13.

6.4 Reference to other sections

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

7 HANDLING AND STORAGE**7.1 Precautions for safe handling**

Ensure proper grounding system for the equipment and personnel.

Avoid contact with eyes and skin and exposure to concentrations of dust holes. Avoid the inhalation of dust and vapour. Do not eat, nor drink, nor smoke while handling it. Avoid dispersal into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

Information not available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

		TLV-ACGIH	ACGIH 2014		
CALCIUM CARBONATE					
Threshold limit value					
Type	State	TWA/8h		STEL/15min	
		mg/m ³	ppm	mg/m ³	ppm
TLV-ACGIH		10			
TLV-ACGIH		3			
TITANIUM DIOXIDE					
Threshold limit value					
Type	State	TWA/8h		STEL/15min	
		mg/m ³	ppm	mg/m ³	ppm
TLV-ACGIH		10			
Reference value for the fresh water				0,127	mg/l
Reference value for the seawater				1	mg/l
Reference value for the sediment in fresh water				1000	mg/kg
Reference value for the sediment in seawater				100	mg/kg
Reference value for the microorganisms STP				100	mg/l
Reference value for the terrestrial compartment				100	mg/kg
Health - Derived no-effect level - DNEL / DMEL					
Exposition			Local acute	Effects on consumers Systemic acute	Local Chronic Systemic chronic
Exposition			Local acute	Effects on workers Systemic acute	Local Chronic Systemic chronic
Inhalation					VND 10 mg / m ³

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Legend:

(C) = CEILING ; INALAB = inhalable fraction ; RESPIR = Respirable fraction ; TORAC = Thoracic fraction.

VND = identified hazard but no DNEL/PNEC available; NEA = no expected exposure;

NPI = no hazard identified.

8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration. For the selection of personal protective equipment, if necessary, request advice from your chemical substance suppliers.

The personal protective equipment must bear the CE marking attesting to their compliance with applicable regulations. Provide emergency shower with a pan for face and eyes.

HAND PROTECTION

Protect your hands with work gloves, category III (ref. standard EN 374). Final selection of the material of the gloves must be considered: compatibility, degradation, breakage times and permeation. In the case of preparations the resistance of protective gloves to chemicals should be checked before use, as expected. The gloves' limit depends on the duration and method of use.

SKIN PROTECTION

Wear work clothes with long sleeves and safety footwear for professional use category II (ref. Directive 89/686/EEC and law EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

We recommend wearing hood visor or protective visor together with airtight goggles (ref. law EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (eg. TLV-TWA) of the substance or one or more of the substances contained on the product, you should wear a mask with filter Type A, whose class (1, 2 or 3) must be chosen according to the limit concentration of use (ref. standard EN 14387).

In the case there will be gas or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.) should be provided for combined type filters.

The use of respiratory protective equipment is necessary in case the technical measures are not sufficient to limit the exposure of the worker to the threshold values considered. The protection provided by masks is in any case limited.

In case that the substance in question is odorless or its olfactory threshold is higher than the related TLV-TWA, and in case of emergency, it is important to wear a compressed air breathing apparatus open circuit (ref Standard EN 137) or a respirator in soot outdoor air (ref. standard EN 138).

For the correct choice of respiratory protection device, refer to EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

MARBLE VIBES**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Thick paste
Colour	White /Neutral
Odour	Characteristic
Odour threshold	Not available
pH	Not available
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	> 60 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not explosive
Upper explosive limit	Not explosive
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Miscible in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not explosive
Oxidising properties	Not available

9.2 Other information

Conductivity:	N/A
Explosive properties:	N/A (Internal assessment)
Oxidizing properties:	N/A (Internal assessment)
Evaporation rate:	N/A

10 STABILITY AND REACTIVITY**10.1 Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5 Incompatible materials

Information not available

10.6 Hazardous decomposition products

By thermal composition or in case of fire, it can be released gas and vapor potentially dangerous to health.

MARBLE VIBES**11 TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

ACUTE TOXICITY

Not classified. Based on available data, the classification criteria are not met.

SKIN CORROSION/IRRITATION

Not classified. Based on available data, the classification criteria are not met.

SERIOUS EYE DAMAGE/SERIOUS EYE IRRITATION

Not classified. Based on available data, the classification criteria are not met.

RESPIRATORY OR SKIN SENSITIZATION

Not classified. Based on available data, the classification criteria are not met.

GERM CELL MUTAGENICITY

Not classified. Based on available data, the classification criteria are not met.

CARCINOGENICITY

Not classified

REPRODUCTIVE TOXICITY

Not classified. Based on available data, the classification criteria are not met.

SPECIFIC TARGET ORGAN TOXICITY (STOT) — SINGLE EXPOSURE

Not classified. Based on available data, the classification criteria are not met.

SPECIFIC TARGET ORGAN TOXICITY (STOT) — REPEATED EXPOSURE

Not classified. Based on available data, the classification criteria are not met.

ASPIRATION HAZARD

Not classified. Based on available data, the classification criteria are not met.

TOXICOLOGICAL INFORMATION REGARDING THE MAIN SUBSTANCES IN THE PRODUCT

TITANIUM DIOXIDE

LD50 (Oral).> 5000 mg/kg Rat

LC50 (Inhalation).> 6.82 mg/L Rat

CALCIUM CARBONATE

LD50 (Oral).> 6450 mg/kg Rat

11.2 Information on other hazards

ENDOCRINE-DISRUPTING PROPERTIES

No endocrine disruptors present in concentrations $\geq 0.1\%$

12 ECOLOGICAL INFORMATION

Use this product according to good working practices. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1 Toxicity

TITANIUM DIOXIDE

LC50 - Fish.

> 10000 mg/l/96h American cadavedano

EC50 - Shellfish

> 1000 mg/l/48h Bug water flea

EC50 - Algae / Water plants

61 mg/l/72h Chlorifcee Algae

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%

12.6 Other adverse effects

Information not available

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13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14 TRANSPORT INFORMATION

14.1 ONU number

Not applicable. N/A

14.2 ONU shipping name

ADR Shipping Name: N/A

IATA Shipping Name: N/A

IMDG Shipping Name: N/A

14.3 Hazard classes connected to shipping

ADR Class: N/A

IATA Class: N/A

IMDG Class: N/A

14.4 Packaging group

ADR-Packing Group: N/A

IATA-Packing Group: N/A

IMDG-Packing Group: N/A

14.5 Environmental hazards

Marine pollutant: No

Environmental pollutant: No

IMDG-EMS: N/A

14.6 Special precautions for users

Road and Rail (ADR-RID):

ADR Exempt:

ADR Label: N/A

ADR Hazard Identification Number: N/A

ADR Special Provisions: N/A

ADR Transport Category (Tunnel Restriction Code):

Air (IATA):

IATA-Passenger Aircraft: N/A

IATA-Cargo Aircraft: N/A

IATA-Label: N/A

IATA-Secondary Hazard: N/A

IATA-Erg: N/A

IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage and Handling: N/A

IMDG-Segregation: N/A

IMDG-Secondary Hazard: N/A

IMDG-Special Provisions: N/A

14.7 Shipping of bulk according to MARPOL 73/78 annex and the IBC code

Not applicable. N/A

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15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Legislative Decree No. 81 of April 9, 2008

Ministry of Labor Decree of February 26, 2004 (Occupational Exposure Limits)

Directive 2010/75/EU

Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EC) No. 790/2009 (ATP 1 CLP) and (EU) No. 758/2013

Regulation (EU) No. 2020/878

Regulation (EU) No. 286/2011 (CLP ATP 2)

Regulation (EU) No. 618/2012 (CLP ATP 3)

Regulation (EU) No. 487/2013 (CLP ATP 4)

Regulation (EU) No 944/2013 (CLP Amendment 5)

Regulation (EU) No 605/2014 (CLP Amendment 6)

Regulation (EU) No 2015/1221 (CLP Amendment 7)

Regulation (EU) No. 2016/918 (CLP Amendment 8)

Regulation (EU) No. 2016/1179 (CLP Amendment 9)

Regulation (EU) No. 2017/776 (CLP Amendment 10)

Regulation (EU) No. 2018/669 (CLP Amendment 11)

Regulation (EU) No. 2018/1480 (CLP Amendment 13)

Regulation (EU) No. 2019/521 (CLP Amendment 12)

Regulation (EU) No. 2020/217 (CLP Amendment 14)

Regulation (EU) No. 2020/1182 (CLP Amendment 15)

Regulation (EU) No. 2021/643 (CLP Amendment 16)

Regulation (EU) No. 2021/849 (CLP Amendment 17)

Regulation (EU) No. 2022/692 (CLP Amendment 18)

Restrictions on the product or the substances it contains pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments:

Restrictions on the product: 3

Restrictions on the substances it contains: None

Provisions relating to Directive (EU) 2012/18 (Seveso III):

None

Regulation (EU) No. 649/2012 (PIC Regulation)

No substances listed

Water hazard class (Germany).

Class 1: low hazard.

SVHC substances:

Based on available data, the product does not contain SVHC substances in a concentration $\geq 0.1\%$.

15.2 Chemical safety assessment

A chemical safety assessment has not been prepared for the mixture and the substances it contains.

MARBLE VIBES**16 OTHER INFORMATIONS**

LEGEND

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstracts Service number
- EC50: Concentration that produces an effect in 50% of the test population
- EC NUMBER: Identification number in ESIS (European Inventory of Existing Substances)
- CLP: Regulation (EC) No 1272/2008
- DNEL: Derived No-Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulations
- IC50: Concentration causing 50% of the test population to be immobilized
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of CLP
- LC50: 50% lethal concentration
- LD50: 50% lethal dose
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative, and Toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No-Effect Concentration
- REACH: Regulation (EC) No. 1907/2006
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded at any time during occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and adaptations
3. Regulation (EC) No. 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) No. 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) No. 790/2009 of the European Parliament (CLP Amendment I)
6. Regulation (EC) No. 453/2010 of the European Parliament
7. Regulation (EC) No. 286/2011 of the European Parliament (CLP Annex II)
8. Regulation (EC) No. 618/2012 of the European Parliament (CLP Annex III)
9. Regulation (EU) 2020/878
10. The Merck Index. 10th ed.
11. Handling Chemical Safety
12. NIOSH - Registry of Toxic Effects of Chemical Substances
13. INRS - Toxicological Data Sheet
14. Patty - Industrial Hygiene and Toxicology
15. N.I. Sax - Dangerous Properties of Industrial Materials, 7th ed., 1989
16. ECHA Website

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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last 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 use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

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