

SAFETY DATA SHEET

Date d'édition: 2013-11-15

Date de révision : 2021-03-03

Version: 3.4/FR

[Complies with Regulation (EC) 1907/2006 (REACH) as amended]

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

PRB COLOR MINERAL PLUS

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

Identified uses: Mineral paint intended for painting walls and ceilings outside residential premises, healthcare facilities, public utility buildings. It is suitable for surfaces prepared in the form of lime-cement plasters, gypsum plasters, plasterboard panels, wallpapers and wood-based products. Product for individual use.

Use not recommended: Not determined.

1.3 Information about the supplier of the safety data sheet

Manufacturer: **PRB**

Address: 16 RUE DE LA TOUR 85150 LES ACHARDS Telephone:

02.51.98.10.10 contact@prb.fr

UK importer: PRB SYSTEMS Ltd Montis Court, Bouncers Lane, Cheltenham, GL52 5JG

www.prbsystems.co.uk Contact 01242524228

1.4 Emergency call number FR -

INRS Tel: +33 (0)1 45 42 59 59

UK 24 Hour Emergency Telephone Number +44 870 190 6777 Association/Organisation : UK - National Chemical Emergency Centre (NCEC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

H412 - Harmful to aquatic life with long lasting effects.

2.2 Labeling elements

Danger and warning pictograms

Nothing.

Hazardous components which must be listed on the label

Nothing.

Danger notes

H412 - Harmful to aquatic life with long lasting effects.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of the contents and container at a waste collection point, in accordance with local or national regulations.

Additional information

EUH208 Contains: 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed.

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Do not inhale spray or mist.

Additional information

The mixture contains a biocidal product with fungicidal properties. Active ingredients: terbutryn, 2-octyl-2H-isothiazol-3-one, zinc pyrithione. Water after cleaning tools should not be released into the soil or surface waters.

2.3 Other hazards

The substances contained in the product do not meet the criteria for PBT or vPvB according to Annex XIII to the REACH regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Titanium dioxide¹ [in powder form containing 1% or more of particles with an aerodynamic diameter ≤ 10 µm] 1)3)

Concentration/interval:	<16%
CAS number :	13463-67-7
EC number:	236-675-5
Index number:	-
Registration number:	01-2119489379-17-XXXX
Classification:	Carc.2 H351 (inhalation)

terbutryn

Concentration/interval:	<0.0025%
CAS number :	886-50-0
EC number:	212-950-5
Index number:	-
Registration number:	
Classification:	Acute Tox.4 H302, Skin Sens.1B H317, Aquatic Acute1 H400(M=100), Aquatic Chronic 1 H410(M=100)

2-octyl-2H-isothiazol-3-one

Concentration/interval:	< 0.0015%
CAS number :	26530-20-1
EC number:	247-761-7
Index number:	613-112-00-5
Registration number:	-
Classification:	Acute Tox.2 H330, Acute Tox.3 H331, Acute Tox.3 H301, SkinCorr.1 H314, EyeDam.1H318, SkinSens.1A H317, AquaticAcute1H400(M=100), Aquatic Chronic 1 H410(M=100) Specific concentration limits: Skin Sens. 1 H317: C 0.0015%.

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ATE by inhalation: = 0.27 mg/L (dust/fog)

By cutaneous route: ETA = 311 mg/kg

Oral: ATE = 125 mg/kg

zinc pyrithione

Concentration / interval: < 0.0028%

CAS number : \tab 13463-41-7

EC number: \tab 236-671-3

Index number: 613-333-00-7

Registration number: -

Classification: Repr.1B H360D, Acute Tox.2 H330, Acute Tox.3 H301, STOTRE 1 H372, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1000), Aquatic Chronic 1 H410 (M=10)

Inhalation ATE = 0.14 mg/L (dust/fog)

Oral: ATE = 221 mg/kg

¹ Substance with a nationally defined occupational exposure limit.

² Additional hazard warning

3) Classification based on rating: V,W,10- Titanium dioxide in liquid mixture is not hazardous when inhaled with respirable fibers.

Full text of H statements: see section 16 of the SDS.

Section 4: FIRST AID MESURES

4.1 Description of first aid

Skin contact: Remove contaminated clothing. Wash the affected area with soap and water. If worrying symptoms occur, consult a doctor.

Eye contact: Contact an ophthalmologist. Remove lenses. Rinse contaminated eyes with water for 10 to 15 minutes. Avoid using a strong jet of water as this may damage the cornea.

Ingestion: Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Call a doctor, show him the package or label.

Inhalation: Remove the injured person to fresh air, keep warm and calm. If worrying symptoms appear, consult a doctor.

4.2 Main symptoms and effects, acute and delayed

Eye contact: Redness, tearing, burning sensation possible.

Skin contact: Redness, dryness, and cracking of the skin may occur. Allergic reactions may occur in sensitive individuals.

Inhalation: Headache, dizziness or drowsiness possible.

Ingestion: Abdominal pain, nausea, vomiting, diarrhea.

4.3 Indication of any immediate medical care and special treatments required

The decision on immediate care and treatment should be made by a physician after an accurate assessment of the victim's condition.

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5.1 Extinguishing media

Suitable extinguishing media: non-flammable product – adapt extinguishing media to the surrounding environment.

Unsuitable extinguishing media: water jet – risk of fire spreading.

5.2 Special hazards arising from the substance or mixture

Combustion can generate harmful gases including, but not limited to, carbon oxides and other thermal decomposition products. Avoid inhaling combustion products which can be harmful to health.

5.3 Advice for firefighters

Use general fire protection measures. Do not remain in the fire area without chemical-resistant clothing or self-contained breathing apparatus. Cool endangered containers from a distance using a water spray jet. Collect used extinguishing media – prevent fire water from entering surface and ground water.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restrict third-party access to the fire area until the necessary clean-up work has been completed. Ensure that the fire and its effects are removed only by trained personnel. Use personal protective equipment. Avoid contact with eyes and skin. Ensure ventilation is not impeded. In the event of a major leak, isolate the threatened area. Avoid breathing in vapors. Use suitable personal protective equipment. Do not walk on the spilled product – risk of slipping.

6.2 Precautions for environmental protection

In case of dispersion of large quantities of the mixture, take the necessary measures to prevent its spread into the natural environment. The product must not enter the sewerage system, groundwater or surface water. If necessary, call the competent emergency services.

6.3 Methods and materials for containment and cleaning

Collect spills using non-combustible materials that absorb liquids (e.g., sand, universal absorbents, silica, vermiculite, etc.) and place them in identified containers. Treat the collected material as waste. Clean and ventilate the contaminated area.

6.4 Reference to other headings

Product waste treatment – see section 13 of the MSDS. Personal protective equipment – see section 8 of the SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Follow general safety and hygiene rules. Do not eat, drink or smoke while working. Wear personal protective equipment. Avoid contaminating eyes and skin. Do not inhale fumes. Ensure ventilation is not obstructed. Wash hands before breaks and after work. Keep unused containers closed. Protect the product from moisture and high temperatures. Work away from sources of fire. Do not smoke at work.

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7.2 Conditions for safe storage, including any incompatibilities

Store only in original, sealed containers in a cool, dry, well-ventilated area. Do not store with food, animal feed, or other incompatible materials (see subsection 10.5). Store away from sources of ignition and direct sunlight.

7.3 Specific end use(s)

Paint.

Section 8: Exposure control / personal protection

8.1 Control parameters

Specification	VLE	VLCT	VLEP
Titanium [7440-32-6] and its compounds calculated in Ti	10 mg/m3	30 mg/m3	—

Legal basis: Official Journal of 2018 item 1286 as amended

Recommended follow-up procedures

Apply procedures for monitoring hazardous concentrations of components in the air, as well as procedures for monitoring air cleanliness in the workplace, if available and justified at the given workplace, in accordance with applicable European or Polish standards, taking into account the conditions at the place of exposure and the measurement methodology adapted to the working conditions. The method, type and frequency of analyses and measurements must comply with the Regulation of the Polish Minister of Health of 2 February 2011 (Official Journal No. 33, item 166).

8.2 Exposure controls

Observe general safety and hygiene rules. Do not eat, drink, or smoke while working. Avoid contaminating eyes and skin. Wash hands with soapy water before breaks and after work. Ensure adequate ventilation to keep the concentration of the harmful agent below the maximum permissible values. Do not inhale vapors.

Personal protective equipment

The need for and selection of appropriate PPE must take into account the type of hazard presented by the product, the workplace conditions and the handling of the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and applicable standards.

The employer must ensure that protective equipment is suitable for the activities carried out and meets all quality requirements, including maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately. Industrial and occupational personal hygiene.

Hand protection: Use protective gloves resistant to the product in accordance with EN374. For short-term contact, use protective gloves of performance level 2 or higher (breakthrough time >

30 minutes). For prolonged contact, use

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performance level 6 (breakthrough time > 480 minutes). Choose glove material individually at the workplace.

The glove material must be impermeable and resistant to the product. The choice of glove material must be made taking into account breakthrough times, diffusion rates, and degradation. Furthermore, the selection of suitable gloves depends not only on the material, but also on other quality marks and varies from manufacturer to manufacturer. The glove manufacturer must determine the exact breakthrough time and adhere to it.

Body protection: Depending on the task to be performed, wear protective clothing appropriate to the potential hazard. In case of prolonged contact with the product, use protective clothing made of coated or impregnated fabrics.

Eye protection: Use properly fitted safety glasses complying with EN166 if there is a risk of eye contamination.

Respiratory protection:

In case of formation of vapors and aerosols, use absorption or filtering equipment of the appropriate protection class (class 1/ protection against vapors whose concentration does not exceed 0.1% by volume in the air; class 2/protection against vapors whose concentration does not exceed 0.5% by volume in the air; class 3/protection against vapors whose concentration does not exceed 1% by volume in the air).

In cases where the oxygen concentration is $\leq$ 17% and/or the maximum concentration of the toxic substance in the air is $\leq$ 1.0% by volume, insulating equipment must be used

Environmental exposure controls

Prevent large quantities of product from entering groundwater, pipes, sewers, or the ground. Possible emissions from ventilation systems and process equipment must be checked to ensure compliance with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state / form: Liquid

Color: Characteristic for emulsion paints Undetermined

Odor: Depending on the product range
threshold:

pH: Melting point/10-11.5

freezing point: approx. 0 °C

Initial boiling point:

Boiling range: approx. 100 °C

Flashpoint None

Evaporation rate: Not determined

Flammability (solid, gas): None

Upper/lower explosive limit. Not determined

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Density: 1.4-1.6 g/cm³
Solubility(ies): Soluble in water
Octanol/water partition coefficient: Not determined

Auto-ignition temperature: The product is not self-igniting
Decomposition temperature: Not determined

Explosive properties Not applicable
Oxidizing properties: Not applicable

Kinematic viscosity: >10,000 mPa·s

9.2 Other information

No additional information

Section 10: Stability and Reactivity

10.1 Reactivity

The product is not highly reactive. Does not undergo hazardous polymerization. See also subsections 10.4 and 10.6.

10.2 Chemical stability

Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Unknown dangerous reactions.

10.4 Conditions to avoid

Avoid direct sunlight, sources of fire and heat.

10.5 Incompatible materials

Avoid strong oxidizing agents and acids.

10.6 Hazardous decomposition products

Unknown.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

ATEmix (oral) > 2000 mg/kg

ATEmix (cutaneous) > 2000 mg/kg

ATEmix (inhalation, vapor) > 20 mg/l

The ATEmix value was calculated based on the test results and the corresponding conversion factor derived from Table 3.1.2 of Regulation 1272/2008/EC.

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

Skin irritation or corrosion

According to the available data, the classification criteria are not met.

Serious eye damage/eye irritation

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

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Respiratory or skin sensitization

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

An allergic reaction may occur in sensitive individuals.

Mutagenicity

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

Carcinogenicity

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

The product contains titanium dioxide, which is classified as Carc.2, but due to the formulation, there is no risk of exposure to product dust. The product is not classified as a carcinogen.

Reproductive toxicity

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

Specific target organ toxicity – single exposure

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

Specific target organ toxicity – repeated exposure

According to the available data, the classification criteria are not met.

Aspiration hazard

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

11.2 Other information on toxicity:

Endocrine disrupting properties

The product does not contain ingredients included in the list established in accordance with Article 59 (1) as having endocrine disrupting properties or ingredients having endocrine disrupting properties endocrine disrupting properties in accordance with the criteria established in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

Other information

Unknown.

Section 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

Unannounced.

12.3 Bioaccumulation potential

Unannounced.

12.4 Mobility in soil

The product is soluble in water, mobile in soil and in the aquatic environment.

12.5 Results of PBT and tPtB assessments

The substances contained in the product do not meet the criteria for PBT or vPvB according to Annex XIII to the REACH regulation.

12.6 Other adverse effects

The product must not contain ingredients included in the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients having endocrine disrupting properties according to the criteria laid down in Regulation 2017/2100/EU or

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Regulation 2018/605/EU at concentrations equal to or greater than 0.1%.

12.7 Other negative effects

The mixture is not classified as hazardous to the ozone layer. Consideration should be given to the possibility of other adverse effects of the individual components of the mixture on the environment (e.g. , effects on global warming).

Section 13: Disposal Considerations

13.1 Waste treatment methods

Mixture recommendations: Dispose of in accordance with local regulations. Keep residues in original containers. Do not dispose of via drains. Assign a waste code where the mixture is prepared.

Recommendations for emptied packaging: Only completely emptied packaging can be recycled. Packaging that is classified as waste must be disposed of and/or recovered by the waste holder in accordance with national waste management regulations.

European regulations: directives of the European Parliament and of the Council: 2008/98/EC, 94/62/EC.

National regulations: OJ 2013, item 21; as amended, OJ 2013, item 888; as amended.

Section 14: Transport information

14.1 UN number

The product is not classified as dangerous during transport.

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

The mixture is not hazardous to the environment according to the criteria specified in the transport regulations.

14.6 Special precautions to be taken by the user

Avoid sources of heat and fire, heating. Personal protective equipment.

14.7 Transport in bulk in accordance with Annex II of the Marpole and IBC Convention

Not applicable.

Section 15: Regulatory Information

15.1 Specific safety regulations / legislation relevant to the substance or mixture ,

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health and environment

Act of 25 February 2011 on chemical substances and their mixtures (Official Gazette 2011, No. 63, pos. 322, as amended).

Regulation of the Minister of Labour and Social Policy of 12 June 2018 on maximum permissible concentrations and intensity of harmful factors in the working environment (Journal of Laws 2018, item 1286, as amended).

ADR Agreement concerning the international transport of dangerous goods by road.

Waste Act of 14 December 2012 (Official Journal 2013, item 21 with amendments).

The Act of 13 June 2013 on packaging and packaging waste management (Official Gazette 2013, item 888 and as amended).

Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Official Journal 2020, item 10).

Regulation of the Minister of Health of February 2, 2011 relating to testing and measurement of harmful factors factors harmful to health in the working environment (Dz. U. 2011, No. 33, item 166, as amended).

2000/39/EC Commission Directive of 8 June 2000 establishing a first list of indicative occupational exposure limit values pursuant to Council Directive 98/24 / EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

2006/15/EC Commission Directive of 7 February 2006 establishing a second list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Directives 91 / 322/EEC and 2000/39/EC.

2009/161/EU Commission Directive of 17 December 2009 establishing a third list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2017/164/EU Commission Directive of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/ EC and amending Commission Directives 91/322/EEC, 2000 / 39/EC and 2009/161/EU.

2019 /**1831/EU** Commission Directive of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2016/425/EU Regulation of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

1907/2006/EC Regulation of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

2020/878/EU Commission Regulation of 18 June 2020 amending Annex II to Regulation (EC) No **1272/2008/EC** Regulation of the European Parliament and of the Council of 16 December 2008 on classification , labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

2008/98/WE Directive of the European Parliament and of the Council of 19 November 2008 on waste

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and repealing certain directives.

94/62/EC Directive of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

Chemical safety assessment of the mixture is not required.

Section 16: Other information

Full text of the H statements indicated in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic by inhalation.
H360D	May harm the fetus.
H351	May cause cancer.
H372	Proven risk of serious effects to organs following from repeated exposure or prolonged exposure.
H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic life with long-lasting effects. harmful in the long term.

Full text of the classifications

Asp. Tox.1	Aspiration hazard Cat. 1
Eye Dam.1	Risk of serious eye damage Cat.1
Skin Corr. 1, 1C	Skin corrosion Cat. 1, 1C
Skin Sens. 1,1A	Skin sensitization Cat. 1.1A
STOT RE 1, 2	Specific target organ toxicity - repeated exposure Cat. 1, 2
Acute Tox. 1,2,3,4	Acute toxicity, cat. 1,2,3,4.
Char. 2	Carcinogenicity Cat. 2
Rep. 1B	Reproductive toxicity Cat. 1B
Aquatic Chronic 1,2,3,4	Chronic aquatic toxicity Cat. 1,2,3,4
tPtB	Very persistent and very bioaccumulative
PBT	Persistent, bioaccumulative and toxic
VLE	Exposure limit value
VLCT	Short-term limit value
VLEP	Occupational exposure limit value

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CMA

Maximum allowable concentration

Training

the handling of chemical products. Before starting work with the product, the user must be aware of the safety rules relating to in particular follow appropriate training. his workstation.

Main references/bibliography/graphics and data sources

This MSDS was developed on the basis of the safety data sheets of the various components, provided by the manufacturer, data found in bibliographic references, in databases on the Internet, on the basis of acquired knowledge and experience, taking into account current regulations. t in force.

Procedure used for d determine the classification of the mixture

The classification was defined on the basis of data relating to the content of hazardous components with the guidance of a calculation method based Regulation 1272/2008/EC (CLP) as amended.

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The above information has been collected based on current and valid data which characterize the product, experience and knowledge acquired by the manufacturer in this field. It is not of a qualitative description of the product, nor of a promise of the defined characteristics. These information must be considered as an aid to safe handling of the product

during transport, storage and use. They do not release the user from liability in the event of improper use.

n of the above information and does not exempt him from his obligation to respect all standards the regulations in force in the area concerned.