

SAFETY DATA SHEET [in accordance with the criteria of Regulation no 1907/2006 (REACH) as amended]	Date of issue: 05.09.2018
	Update: 03.01.2022

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

1.1 Product identifier

Concrete-look paint

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

Relevant identified uses: product for decorative finishes of interior walls.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **Unicell International Sp. z o.o.**

Address: ul. Supraślaska 25, 16-010 Wasilków, Poland

Telephone/Fax number: +48 (85) 7336641, +48 (85) 7186860/ +48 (85) 7186862

Information about the product: unicell@unicell.com.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Skin Irrit. 2 H315, Eye Dam. 1 H318

Causes skin irritation. Causes serious eye damage.

2.2 Label elements

Hazard pictograms and signal words



DANGER

Hazardous components listed on the label

Contains: calcium dihydroxide.

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container to a properly labeled containers emptied by an authorized company in accordance with national regulations.

2.3 Other hazards

Components of the product do not meet the criteria of PBT and vPvB in accordance with Annex XIII of REACH Regulation.

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Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

CAS: 1305-62-0 EC number: 215-137-3 Index number: - Registration number: 01-2119475151-45-XXXX	<u>calcium dihydroxide</u> ¹ Skin Irrit. 2 H315, Eye Dam. 1 H318, STOT SE 3 335	5-15 %
CAS: 1332-58-7 EC number: 310-194-1 Index number: - Registration number: Exempted according to Annex V.7.	<u>kaolin</u> STOT RE 2 H373	1-< 5 %

¹Substance with occupational exposure limits defined on the European Union level

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothing. Wash the contaminated skin thoroughly with water and soap. Consult a doctor if disturbing symptoms appear.

Eye contact: protect non-irritated eye, remove contact lenses. Wash out the contaminated eyes thoroughly with water for 10-15 minutes. Avoid powerful water stream – risk of mechanical damage of cornea. Consult an ophthalmologist immediately.

Ingestion: **do not induce vomiting**. Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not attempt to neutralize. Call a doctor immediately, show container or label.

Inhalation: consult a doctor if disturbing symptoms appear. Remove the victim to fresh air. Keep victim warm and calm.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: redness, tearing, blurred vision, irritation, risk of serious damage to eyes, burns.

Skin contact: redness, burning sensation, irritation.

Ingestion: may cause gastric disorders, irritation of mucous membranes.

Inhalation: high concentration of product vapours may cause irritation of respiratory tract.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing foam, carbon dioxide, water spray.

Unsuitable extinguishing media: do not use water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce hazardous fumes containing carbon oxides and other unidentified products of thermal decompositions. Do not inhale combustion products, they can be dangerous for human health.

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Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Do not allow the extinguishing water to enter drains, surface and ground waters. In case of fire, cool endangered containers with water spray.

Section 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Use personal protective equipment. Avoid skin and eyes contamination. Do not breathe vapours. Ensure adequate ventilation. Wipe up the spillage immediately – risk of slipping. Ensure that only the trained personnel removes the effects of the accident.

6.2 Environmental precautions

In case of large spills, prevent the substance from spreading into the environment. Notify relevant emergency services if necessary.

6.3 Methods and material for containment and cleaning up

Collect with liquid-absorbing materials (e.g. sand, soil, universal binders, silica etc.) and place it in waste containers. Treat the collected liquid as waste. Clean and ventilate the contaminated area.

6.4 Reference to other sections

Appropriate conduct with waste product – see section 13. Personal protective equipment – see section 8.

Section 7: Handling and storage**7.1 Precautions for safe handling**

Handle in accordance with good occupational hygiene and safety practices. Avoid skin and eyes contamination. Do not breathe vapours. Before break and after work wash hands carefully. Unused containers keep tightly closed. Ensure adequate ventilation in the area where the product is used. Use personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in tightly closed containers, in a dry, cool and well ventilated place. Keep away from food, drink and animal feedingstuffs. Protect from warmth, direct exposure to sunlight and freeze. Recommended storage temperature: 5-25°C. Do not store with incompatible materials (see subsection 10.5).

7.3 Specific end use(s)

No data concerning other uses than given in subsection 1.2.

Section 8: Exposure controls/personal protection**8.1 Control parameters**

Specification	TWA 8 hour	STEL 15 min
calcium dihydroxide [CAS 1305-62-0]	1 mg/m ³	4 mg/m ³

The table above shows the maximum workplace concentration values on the Community level.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EU, 2017/164/EU

Please check any national occupational exposure limit values in your country.

Recommended control procedures

Procedures concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace – if they are available and justified for the position – in accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

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Use the product in accordance with good occupational hygiene and safety practices. When using do not eat, drink or smoke. Avoid eye and skin contamination. Ensure adequate general and/ or local ventilation. Take off contaminated clothing immediately.

Hand and body protection

Use protective gloves resistant to chemicals. Recommended material for gloves: nitrile rubber and Viton. Wear protective clothing.

In case of a short-term exposure: use protective gloves with effectiveness level ≥ 2 (breakthrough time >30 min). In case of a long-term exposure: use protective gloves with effectiveness level 6 (breakthrough time > 480 min).

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eye protection

Use tightly fitting protective glasses. Eyewashes should be installed in the vicinity of a workplace.

Respiratory protection

In case of insufficient ventilation use a protective mask with an inorganic vapour filter.

Personal protective equipment must meet requirements of regulation (EU) 2016/425. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid releases to the environment, do not empty into drains. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

physical state:	liquid
colour:	grey
odour:	characteristic
Melting point/freezing point::	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability	not determined
Lower and upper explosion limit:	not determined
Flash point:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
ph	>12
Kinematic viscosity (40 °C):	not determined
solubility(ies):	insoluble in water
partition coefficient: n-octanol/water:	not determined
vapour pressure:	not determined
Density and/or relative density (20 °C):	not determined
Relative vapour density:	not determined
Particle characteristics	not determined

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No additional test results.

Section 10: Stability and reactivity**10.1 Reactivity**

Product is reactive, will not undergo dangerous polymerization. See also subsections: 10.3-10.5.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Product reacts with acids with carbon dioxide evolution. Reaction with acids may be exothermic.

10.4 Conditions to avoid

Avoid excessive heating and direct exposure to sunlight. Protect from frost.

10.5 Incompatible materials

Strong oxidizers, acids.

10.6 Hazardous decomposition products

Carbon dioxide.

Section 11: Toxicological information**11.1 Information on toxicological effects**

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute toxicity

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

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

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The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

Other information

No data.

Section 12: Ecological information**12.1 Toxicity****Toxicity of components****calcium dihydroxide:**Toxicity for fish:LC₅₀ (96h): 50,6 mg/l (freshwater fish)LC₅₀ (96h): 457 mg/l (marine fish)Toxicity for aquatic invertebrates:EC₅₀ (48h): 49,1 mg/l (freshwater invertebrates)EC₅₀ (48h): 158 mg/l (marine invertebrates)Chronic toxicity for aquatic plants:EC₅₀ (72h): 185,57 mg/l (freshwater algae)

NOEC (72h) : 48 mg/l (freshwater algae)

Toxicity for bacteria:

In high concentrations, by increasing the temperature and pH, the substance is used to disinfect sewage sludge.

Toxicity for daphnia and other aquatic invertebrates:

NOEC (14d): 32 mg/l (marine invertebrates)

Toxicity for soil organisms:EC₁₀/LC₁₀ or NOEC: 2000 mg/kg of soil d.w.EC₁₀/LC₁₀ or NOEC: 12000 mg/kg of soil d.w.Ecotoxicity for terrestrial plants:

NOEC (21d): 1080 mg/kg (terrestrial plants)

Toxicity of mixture

Product is not classified as dangerous for the environment. In contact with water the products causes change in pH value, what may be hazardous to the environment.

12.2 Persistence and degradability

No data.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

Low solubility in soil and aquatic environment.

12.5 Results of PBT and vPvB assessment

Components of the product do not meet the criteria of PBT and vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for

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having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer.

Section 13: Disposal considerations**13.1 Waste treatment methods**

Disposal methods for the product: disposal in accordance with the local legislation. Do not dispose of with household garbage. Store residues in original containers. Waste code should be given in the place of waste formation.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the legislation in force. Only containers completely empty can be recycled.

Legal basis: Directive 2008/98/EC, 94/62/EC as amended.

Section 14: Transport information**14.1 UN numer or ID number**

Not applicable. 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

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Sea transport in bulk in accordance with IMO instruments

Not applicable.

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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 (as amended).

Regulation (EC) No 1272/2008 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 (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) (Text with EEA relevance).

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Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

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

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

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

15.2 Chemical safety assessment

Chemical Safety Assessment is not required for mixtures.

Section 16: Other informationFull text of indicated R and H phrases mentioned in section 3

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Clarification of aberrations and acronyms

Eye Dam. 1 Serious eye damage/eye irritation, category 1

Irrit. 2	Skin corrosion/irritation, category 2
STOT RE 2	Specific target organ toxicity — repeated exposure, category 2
STOT SE 3	Specific target organ toxicity — single exposure, category 3
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Procedures used to classify the mixture

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.