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[Earthborn Clay Paint](#)

Trade name: Claypaint

Revision date : 21-Apr-2015

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name

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

Paints for interior surfaces

1.3 Details of the supplier of the safety data sheet**Address**Earthborn
Frodsham Business Centre, Bridge Lane, Frodsham, Cheshire
WA6 7FZ

Telephone no. +44 (0)1928 734 171

Fax no. +44 (0)1928 731 732

Advice on Safety Data Sheet

info@earthbornpaints.co.uk

1.4 Emergency telephone number

+44 (0)1928 734 171

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 (CLP)**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Supplemental Hazard information (EU)	
EUH208	Contains 2-Methyl-2H-Isothiazol-3-on + 1,2-Benzisothiazol-3(2H)-on..May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3 Other hazards**Adverse environmental effects:**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

EC safety data sheet

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to 67/548/EEC Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
CAS No.: 2682-20-4 EC No.: 220-239-6	2-methyl-2H-isothiazol-3-one  Danger H302-H314-H317-H331-H400	0 - 1 Wt %
CAS No.: 2634-33-5 EC No.: 220-120-9	1,2-benzisothiazol-3(2H)-one Eye Dam. 1, Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1  Danger H302-H315-H317-H318-H400  Xn; R22 — Xi; R38-R41 — R43 — N; R50	0 - 1 Wt %

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash off immediately with soap and water.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). If swallowed, seek medical advice immediately and show the container or label.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

None known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

Take care for the labels and safety data sheets of the chemicals to be used

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water mist, alcohol resistant foam, dry extinguishing powder

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

The product itself does not burn.

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4 Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings. Do not allow run-off from fire-fighting to enter drains or water courses

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions

Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Protective equipment

Use personal protection equipment.

Emergency procedures

Remove all sources of ignition

6.1.2. For emergency responders

Personal protection equipment

Use appropriate respiratory protection.

6.2 Environmental precautions

Suitable material for diluting or neutralising: Water. Treat the recovered material as prescribed in the section on waste disposal. Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up: Sand, Earth,

For cleaning up

Water (with cleaning agent)

6.4 Reference to other sections

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No special handling advices are necessary. Keep out of the reach of children. Read label before use.

Fire prevention measures

The product itself does not burn

Environmental precautions

No special measures are necessary.

Advice on general occupation hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Wash contaminated clothing immediately. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

The product is stable under storage at normal ambient temperatures. Keep container tightly closed in a cool, well-ventilated place. Not useable after freezing.

Packaging materials

Keep / store in a well ventilated place. Keep container tightly closed.

Storage class

12

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

Industrial sector specific solutions

Water-based paints, solvent-free

Giscode

M-DF01

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.1.1 Occupational exposure limit values**

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ remark
DFG (DE)	2-methyl-2H-isothiazol-3-one CAS No.: 2682-20-4	① 0.2 mg/m ³ ⑤ einatembare Fraktion (Reaktionsgemisch, bestehend aus 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1))
DFG (DE)	2-methyl-2H-isothiazol-3-one CAS No.: 2682-20-4	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ einatembare Fraktion (Reaktionsgemisch, bestehend aus 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1))

8.2 Exposure controls**8.2.1. Appropriate engineering controls**

See section 7. No additional measures necessary.

8.2.2. Personal protective equipment**Eye/face protection**

Eye glasses with side protection

Skin protection

Hand protection, suitable material: NBR (Nitrile rubber). Maximum wearing time >8hr. See information supplied by manufacturer.

8.2.3. Environmental exposure controls

The following substances may cause an allergic reaction: 1,2-Benzisothiazol-3(2H)-on; 2-Methyl-2H-isothiazol-3-on

8.3 Additional information

Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash hands before breaks and after work

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance****Physical state:** liquid**Odour:** not determined**Safety relevant basis data**

parameter		at °C	Method	remark
pH	8 - 9	20 °C		
Melting point/freezing point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	1.6 - 1.65 g/cm ³	20 °C		
Bulk density	<i>not determined</i>			

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parameter		at °C	Method	remark
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable under storage at normal ambient temperatures.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Frost, heat. Protect against direct sunlight.

10.5 Incompatible materials

No hazardous reaction when handled and stored according to provisions.

10.6 Hazardous decomposition products

In case of fire may be liberated: Hazardous decomposition products: Carbon dioxide, Carbon monoxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

CAS No.	Substance name	Toxicological information
2634-33-5	1,2-benzisothiazol-3(2H)-one	LD₅₀ oral: 1,020 g/m ³ (Rat)
Acute oral toxicity		
No data available		
Acute dermal toxicity		
No data available		
Acute inhalation toxicity		
No data available		
Skin corrosion/irritation		
May cause an allergic skin reaction		
Eye damage/irritation		
No data available		
Respiratory or skin sensitisation		
Contains: 1,2-Benzisothiazol-3(2H)-on. May cause an allergic skin reaction.		
Germ cell mutagenicity		
No indications of human germ cell mutagenicity exist.		
Carcinogenicity		
No indication of human carcinogenicity.		
Reproductive toxicity		
No indications of human reproductive toxicity exist.		
STOT-single exposure		
No data available		
STOT-repeated exposure		
No data available		

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Aspiration hazard

No data available

SECTION 12: Ecological information**12.1 Toxicity**

CAS No.	Substance name	Toxicological information
2682-20-4	2-methyl-2H-isothiazol-3-one	LC ₅₀ : 0.19 mg/l 4 d LC ₅₀ : 0.056 mg/l 2 d
2634-33-5	1,2-benzisothiazol-3(2H)-one	LC ₅₀ : 10 mg/l 4 d EC ₅₀ : 4.4 mg/l 2 d

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

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

Following consultation with waste management company and after solidification, landfill together with household waste.

13.1.1. Product/Packaging disposal

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

Waste code product:

08 01 12 \P:40080112\

Waste treatment options**Appropriate disposal / Product:**

Dispose of waste according to applicable legislation.

Appropriate disposal / Product:

Dispose of waste according to applicable legislation.

13.2 Additional information

No data available.

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SECTION 14: Transport information

No dangerous goods in sense of these transport regulations.

- 14.1 UN-No.**
Not relevant
- 14.2 UN proper shipping name**
Not relevant
- 14.3 Transport hazard class(es)**
Not relevant
- 14.4 Packing group**
Not relevant
- 14.5 Environmental hazards**
Not relevant
- 14.6 Special precautions for user**
Not relevant
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not relevant

SECTION 15: Regulatory information

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

15.1.1.EU regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

authorisations:

This product meets the requirements of Regulations (EC) No.1935/2004

15.1.2.National regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

15.2 Additional information

No data available.

SECTION 16: Other information

16.1 Indication of changes

No data available.

16.2 Abbreviations and acronyms

See overview table at www.euphrac.eu

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16.3 Key literature references and sources for data

No data available.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements (R-phrases)	
R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.

Hazard statements	
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.

16.6 Training advice

No data available

16.7 Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.