

## SAFETY DATA SHEET

## MATT EMULSION

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFIER

|                |                                |
|----------------|--------------------------------|
| Product form:  | Mixture                        |
| Product name:  | Graham and Brown Matt Emulsion |
| Product code:  | 4500299070201                  |
| Product group: | Wall paint                     |

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

##### 1.2.1 Relevant Identified uses.

Intended for general public.

|                               |  |
|-------------------------------|--|
| Main use category:            | Consumer use, Professional use, Industrial use |
| Use of the substance/mixture: | Industrial and decorative painting             |

##### 1.2.2 Uses advised against.

No additional Information available.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

##### Supplier:

Graham and Brown Limited Lancashire,  
India Mill,  
Harwood St,  
Blackburn,  
BB1 3DB  
PO Box 39  
United Kingdom  
T +44 (0)1254 691321 / 0800 328 8452  
[www.grahambrown.com](http://www.grahambrown.com)

##### Responsible formatting SDS:

Mantech Nederland B.V.  
Kobaltweg 7  
P.O. Box 39 5234 GN 's-Hertogenbosch – Nederland

T +31 (0)73 70 70 112 - F +31 (0)73 64 43 861

[info@mantechbu.nl](mailto:info@mantechbu.nl)

[www.mantechbu.nl](http://www.mantechbu.nl)

#### 1.4 EMERGENCY TELEPHONE NUMBER

Emergency number: +44 (0)1254 691321 [Graham and Brown Limited]

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

*Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015:*

*According to Regulation (EU) 2015/830 (REACH Annex II):*

Not classified

*Adverse physicochemical, human health and environmental effects:*

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

### 2.2 LABEL ELEMENTS

*Labelling according to Regulation (EC) No. 1272/2008 [CLP]*

|  |   |
|--|---|
| Signal word (CLP)                                    | Not applicable  |
| Hazard statements (CLP)                              | Not applicable.   |
| Precautionary statements (CLP)                       | P102 - Keep out of reach of children. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, protective clothing, eye protection. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. [Spray application; P261 - Avoid breathing spray,]. |
| EUH-statements                                       | EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5)(220-120-9). May produce an allergic reaction. EUH210 - Safety data sheet available on request.  |
| Child-resistant fastening                            | Not applicable  |
| Tactile warning                                      | Not applicable  |
| 2.3 OTHER HAZARDS                                    |   |
| Other hazards not contributing to the classification | None under normal conditions.   |

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not applicable

#### 3.2 MIXTURES

| Name   | Product Identifier  | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|---|---|
| Titanium dioxide substance with a community workplace exposure limit   | (CAS-No.)13463-67-7<br>(EC-No.) 236-675-5<br><br>(REACH-no)<br>01-2119489379-17 | 10 - 25   | Not classified  |
| 1,2-benzisothiazol-3(2H)-one;<br>1,2-benzisothiazolin-3-one  | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br><br>(EC Index-No.)<br>613-088-00-6 | 0,005=< C < 0,05  | Acute Tox. 4 (Oral),<br>H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br><br>Aquatic Acute 1,<br>H400   |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1);<br>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS-No.) 55965-84-9<br>(EC-No.) 611-341-5<br><br>(EC Index-No.) 613-167-00-5   | 0,00015=< C < 0,0015  | Acute Tox. 3<br>(Inhalation), H331<br>Acute Tox. 3<br>(Dermal), H311<br>Acute Tox. 3 (Oral),<br>H301<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br><br>Aquatic Chronic 1,<br>H410 |
| Name   | Product Identifier  | Specific Concentration limits   |   |
| 1,2-benzisothiazol-3(2H)-one;<br>1,2-benzisothiazolin-3-one  | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br><br>(EC Index-No.) 613-088-00-6    | (C >= 0,05) Skin Sens. 1, H317  |   |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1);<br>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) | (CAS-No.) 55965-84-9<br>(EC-No.) 611-341-5<br>(EC Index-No.) 613-167-00-5       | ( 0,0015 =<C < 100) Skin Sens. 1, H317<br>( 0,06 =<C < 0,6) Skin Irrit. 2, H315<br>( 0,06 =<C < 0,6) Eye Irrit. 2, H319<br>( 0,6 =<C < 100) Skin Corr. 1B, H314 |   |

Full text of H-statements: see section 16

## **SECTION 4: FIRST AID MEASURES**

### 4.1 DESCRIPTION OF FIRST MEASURES

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice. |
| First-aid measures after inhalation   | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.  |
| First-aid measures after skin contact | Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.   |
| First-aid measures after eye contact  | Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.  |
| First-aid measures after ingestion    | If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.                     |

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

|                  |  |
|------------------|--|
| Symptoms/effects | No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects. |
|------------------|--|

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

## **SECTION 5: FIREFIGHTING MEASURES**

### 5.1 EXTINGUISHING MEDIA

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | Carbon Dioxide (CO <sub>2</sub> ), powder, alcohol-resistant foam, water spray. |
| Unsuitable extinguishing media | Do not use a heavy water stream.  |

## 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

|             |   |
|-------------|---|
| Fire hazard | Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. |
|-------------|---|

## 5.3 EXTINGUISHING MEDIA

|                             |  |
|-----------------------------|--|
| Precautionary measures fire | Cool closed containers exposed to fire with water                        |
| Other information           | Do not allow run-off from fire fighting to enter drains or water courses |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

#### 6.1.1 For non-emergency personnel.

|                      |   |
|----------------------|---|
| Protective equipment | Use personal protective equipment as required.        |
| Emergency procedures | Do not smoke. Ventilate area. Do not breathe vapours. |

#### 6.1.2 For emergency responders.

|                      |   |
|----------------------|---|
| Protective equipment | Equip rescue crew with proper protection.           |
| Emergency procedures | No smoking. Ventilate area. Do not breathe vapours. |

### 6.2 ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

|                         |   |
|-------------------------|---|
| Methods for cleaning up | Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). |
|-------------------------|---|

|                   |  |
|-------------------|--|
| Other information | Clean preferably with a detergent - avoid use of solvents. |
|-------------------|--|

### 6.4 REFERENCE TO OTHER SECTIONS

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. |
|-------------------------------|---|

Hygiene measures

Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. For personal protection see Section 8. Comply with the health and safety at work laws. Smoking, eating and drinking should be prohibited in application area.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions Store in accordance with local/national regulations.

Storage temperature 5 - 30 °C Store in dry, well-ventilated area.

Information on mixed storage Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

Storage area Prevent unauthorised access.

Special rules on packaging Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 SPECIFIC END USE(S)

No additional information available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 CONTROL PARAMETERS

|                                      |   |   |
|--------------------------------------|---|---|
| Graham and Brown Matt Emulsion - eco |   |   |
| Netherlands                          | Grenswaarde TGG 8H (mg/m <sup>3</sup> ) | There is no data available on the preparation itself. |
| Titanium dioxide (13463-67-7)        |   |   |
| EU                                   | Local name                              | Titanium dioxide                                      |
| EU                                   | Notes                                   | Ongoing   |
| EU                                   | Regulatory reference                    | SCOEL Recommendations                                 |
| Germany                              | TRGS 910 Acceptable concentration notes |   |

8.2 EXPOSURE CONTROLS

*Appropriate engineering controls:*

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local

exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

*Personal protective equipment:*

Protective goggles. Gloves. In case of inadequate ventilation wear respiratory protection.

|  |
|--|
| Hand protection:   |
| There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged contact, use rubber or neoprene gloves. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. |
| Eye protection:  |
| Use safety eyewear designed to protect against splash of liquids.  |
| Skin and body protection:  |
| Cotton or cotton/synthetic overalls or coveralls are normally suitable. Every part of the skin which had contact with the product should have been washed thoroughly.  |
| Respiratory protection:  |
| If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.  |

Personal protective equipment symbol(s):



**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Physical state                             | Liquid  |
| Colour                                     | Different colours.  |
| Odour                                      | Characteristic.   |
| Odour threshold                            | No data available   |
| pH   | No data available   |
| Relative evaporation rate (butylacetate=1) | No data available   |
| Melting point                              | No data available   |
| Freezing point                             | ± 0 °C Water  |
| Boiling point                              | ± 100 °C Water  |
| Flash point                                | Not applicable  |
| Auto-ignition temperature                  | The product does not ignite spontaneously.                      |
| Decomposition temperature                  | When exposed to heat, may decompose liberating hazardous gases. |
| Flammability (solid, gas)                  | Not flammable.  |
| Vapour pressure                            | No data available   |
| Relative vapour density at 20 °C           | No data available   |
| Relative density                           | No data available   |
| Density                                    | 1,46 g/cm <sup>3</sup> @ 20 °C                                  |
| Solubility                                 | Miscible with water.  |
| Log Pow                                    | No data available   |
| Viscosity, kinematic                       | No data available   |
| Viscosity, dynamic                         | 7 - 8 Pa.s @ 20 °C [ LC 3 ]                                     |
| Explosive properties                       | No dangerous reactions known.                                   |
| Oxidising properties                       | No data available.  |
| Explosive limits                           | Not applicable  |

## 9.2 OTHER INFORMATION

No additional information available.

## **SECTION 10: STABILITY AND REACTIVITY**

### 10.1 REACTIVITY

No dangerous reactions known.

### 10.2 CHEMICAL STABILITY

Stable under recommended storage and handling conditions (see section 7).

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

### 10.4 CONDITIONS TO AVOID

May produce hazardous decomposition products when exposed to high temperatures.



## 10.5 INCOMPATIBLE MATERIALS

See heading 7.

## 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity (oral) Not classified

Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Not classified

|  |                            |
|--|----------------------------|
| <b>Titanium dioxide (13463-67-7)</b>   |                            |
| LD50 oral rat  | >5000mg/kg CSR applicable  |
| LC50 inhalation rat (mg/l)   | 6.82mg/l/4h CSR applicable |
| reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H - isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9) |                            |
| LD50 oral rat  | 59 mg/kg bodyweight        |
| LD50 dermal  | > 75 mg/kg bodyweight      |
| <b>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)</b>  |                            |
| LD50 oral rat  | 1020 mg/kg bodyweight      |
| LD50 dermal  | 4115 mg/kg bodyweight      |
| LC50 inhalation rat (Dust/Mist - mg/l/4h)  | 100 mg/l                   |

Skin corrosion/irritation

Not classified

Additional information

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin

Serious eye damage/irritation

Not classified

Respiratory or skin sensitisation

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

|   |  |
|---|--|
| STOT-single exposure                                | Not classified   |
| STOT-repeated exposure                              | Not classified   |
| Aspiration hazard                                   | Not classified   |
| Potential adverse human health effects and symptoms | This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

|                          |   |
|--------------------------|---|
| Ecology - general        | The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is not classified as dangerous for the environment but contains substance(s) dangerous for the environment. See Heading 3. |
| Acute aquatic toxicity   | Not classified  |
| Chronic aquatic toxicity | Not classified  |

|   |  |
|---|--|
| <b>Titanium dioxide (13463-67-7)</b>  |  |
| LC50 fish 1   | > 1000 mg/l (Pimephales promelas) CSR applicable       |
| EC50 Daphnia 1  | > 1000 mg/l  |
| EC50 72h algae (1)  | 61 mg/l pseudokirchneriella subcapitata CSR applicable |
| <b>reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H - isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9)</b> |  |
| LC50 fish 1   | 2.18 mg/l  |
| EC50 Daphnia 1  | 3.27 mg/l  |
| EC50 other aquatic organisms 1  | 2.94 mg/l waterflea                                    |
| EC50 other aquatic organisms 2  | 0.11 mg/l  |
| EC50 72h algae (1)  | 0.11 mg/l  |
| ErC50 (algae)   | 0.11 mg/l [Selenastrum capricomutum, 72h]              |
| NOEC (chronix)  | 1.2 mg/l   |
| NOEC chronic fish   | 0.21 mg/l  |
| NOEC chronic algae  | 0.04mg/l   |

### 12.2 PERSISTENCE AND DEGRADABILITY

There is no data available on the preparation itself for Graham and Brown Matt Emulsion – eco.

|   |      |
|---|------|
| <b>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)</b> |      |
| Biodegradation  | >70% |

### 12.3 BIOACCUMULATIVE POTENTIAL

|                           |  |
|---------------------------|--|
| Log Pow                   | No data available                          |
| Bioaccumulative potential | There is no data on the preparation itself |

|  |                 |
|--|-----------------|
| reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H - isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1) (55965-84-9) |                 |
| Log Pow  | 0.4             |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)   |                 |
| BCF fish 1   | 6.95 (OECD 305) |
| Log Pow  | 0.7             |
| Log Kow  | 0.7 (OECD 117)  |

#### 12.4 MOBILITY IN SOIL

Ecology – soil – There is no data available on the preparation itself for Graham and Brown Matt Emulsion – eco.

|                                      |  |
|--------------------------------------|--|
| <b>Titanium dioxide (13463-67-7)</b> |  |
| Log Koc                              | No results are available for the adsorption/desorption of TiO <sub>2</sub> . Therefore read-across is proposed to Kp values based on available monitoring data for elemental Ti-concentration in water and corresponding sediment or suspended matter (no data are available for soil). These results reflect equilibrium conditions for Ti in the environment, regardless the speciation of Ti. Value used for CSA: log Kp (solids-water in sediment): 4.61 L/kg; log Kp (solids-water in suspended matter): 5.36 L/kg; |

#### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT

The substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

The substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

#### 12.6 OTHER ADVERSE EFFECTS

Product may not flow into sewer or superficial water.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 WASTE TREATMENT METHODS

|  |   |
|--|---|
| Regional legislation (waste)               | Do not allow to enter drains or water courses.  |
| Product/Packaging disposal recommendations | Dispose in a safe manner in accordance with local/national regulations.   |
| Additional information                     | Uncleaned packaging: Recommendation: Not completely empty packaging must be treated complying with Directive 91/689/EEC.                    |
| European List of Waste (LoW) code          | 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, |

**SECTION 14: TRANSPORT INFORMATION**

*In accordance with ADR/RID/IMDG/IATA/AND*

| <b>ADR</b>                              | <b>IMDG</b>   | <b>IATA</b>                       | <b>ADN</b>                        | <b>RID</b>                        |
|---|---|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>14.1. UN NUMBER</b>                  |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.2. UN PROPER SHIPPING NAME</b>    |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.3. TRANSPORT HAZARD CLASS(ES)</b> |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.4. PACKING GROUP</b>              |   |                                   |                                   |                                   |
| Not applicable                          | Not applicable  | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.5. ENVIRONMENTAL HAZARDS</b>      |   |                                   |                                   |                                   |
| Dangerous for the environment: No       | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |

**14.6 SPECIAL PRECAUTIONS FOR USER**

***Special Transport Precautions***

Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

***Overland transport***

Transport regulations (ADR)

This preparation is not classified as dangerous according to international transport regulations, (ADR).

***Transport by Sea***

Transport regulations (IMDG)

Not determined.

***Air Transport***

Transport regulations (IATA)

Not determined.

***Inland Waterway Transport***

Transport regulations (AD)

Not determined.

***Rail Transport***

Transport regulations (RID)

Not determined.

**14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE**

|                    |                |
|--------------------|----------------|
| IBC code           | Not determined |
| Ship type          | Not determined |
| Pollution category | Not determined |

**SECTION 15: REGULATORY INFORMATION**

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

**DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products**

EU limit value for Graham and Brown matt emulsion - eco (cat. A/a): 30 g/l Graham and Brown matt emulsion - eco Contains max 30,00 g/l VOC

15.1.2 National Regulations

Dutch National Regulations

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Eurofins VOC TEST REPORT:

|  |           |
|--|-----------|
| Indoor Air Comfort GOLD@<br>Indoor Air Comfort GOLD 5.3a of March 2015                                   | PASS      |
| Indoor Air Comfort@<br>Indoor Air Comfort GOLD 5.3a of March 2015  | PASS      |
| BREEAM International<br>GN22: BREEAM Recognised Schemes for VOC Emissions from Building Products         | Compliant |
| French VOC regulation<br>Regulation of March and April 2011 (DEVL 1101903D and DEVL 1104875A)            | A+        |
| French CMR components Regulation<br>Regulation of March and April 2011 (DEVL 1101903D and DEVL 1104875A) | PASS      |

|   |           |
|---|-----------|
| AgBB Ausschuss zur gesundheitlichen Bewertung von Bauprodukten<br>AgBB of February 2015, DIBt of October 2010 | PASS      |
| Belgian Regulation<br>VOC Royal degree of May 2015 (C-2014/24239)   | PASS      |
| EN 717-1 §<br>2004  | E1        |
| EMICODE<br>November 2015  | EC 1 PLUS |

## 15.2 CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

|                                     |   |
|-------------------------------------|---|
| Full Text of H- and EUH-statements: |   |
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhal.) Category 3                                |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral) Category 3                                  |
| Acute To. 4 (Oral)                  | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment - Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment - Chronic Hazard, Category 1 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Skin Corr. 1B                       | Skin corrosion/irritation Category 1B                             |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| H301                                | Toxic if swallowed  |
| H302                                | Harmful if swallowed  |
| H311                                | Toxic in contact with skin  |

|        |   |
|--------|---|
| H314   | Causes severe skin burns and eye damage   |
| H315   | Causes skin irritation  |
| H317   | May cause an allergic skin reaction   |
| H318   | Causes serious eye damage   |
| H400   | Very toxic to aquatic life  |
| H410   | Very toxic to aquatic life with long lasting effects.   |
| EUH208 | Contains reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3- one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1)(55965-84-9)(611-341-5), 1,2-benzisothiazol-3(2H)- one; 1,2-benzisothiazolin-3-one(2634-33-5)(220-120-9). May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.   |

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*