

# Chalk Matt

## 1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

- 1.1 Production Identifier  
Product name eicó Chalk Matt
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Identified uses Wallpaint  
Uses in coating; apply only as specified on label.
- 1.3 Details of the supplier of the safety data sheet  
eicó Paints Limited  
861 - 863 Fulham Road  
London, UK - SW6 5HP  
+0845 073 9432
- 1.4 Emergency telephone number  
Contact National Centre via Hospital or Registered Medical Practitioner.

## 2) HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
- Physical hazards Not classified
- Health hazards Not classified
- Environmental hazards Not classified
- 2.2 Label elements  
Labelling according to Regulation (EC) No. 1272/2008[CLP]
- Precautionary statements  
P102 Keep out of reach of children.
- Special rules for supplemental label elements for certain mixtures  
EUH208 Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE(3:1).  
May produce an allergic reaction.
- 2.3 Other hazards  
None

## 3) COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Mixtures  
Hazardous ingredients  
Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE(3:1)  
Weight fraction: 0,00015-<0.0015%  
Classification 1272/2008 [CLP]: Acute Tox. 3: H301; Acute Tox. 3: H331;

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Skin Corr. 1B: H314; Eye Dam. 1: H318;  
Skin Sens. 1: H317; Aquatic Acute 1: H400;  
Aquatic Chronic 1:H410

- 3.2 Additional information  
For full text of R-, H- and EUH-phrases see section 16.

## 4) FIRST-AID MEASURES

### 4.1 Description of 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 casualty is unconscious place in recovery position and seek medical advice.

#### Inhalation

Remove affected person to fresh air. Keep person warm and at rest. If breathing has stopped, is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

#### Ingestion

If swallowed rinse mouth with plenty of water, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting.

#### Skin contact

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or recognised skin cleaners. Do not use solvents or thinners.

#### Eye contact

Rinse immediately with plenty of water for 15 minutes with open eyelids. Remove contact lenses if any and continue rinsing. Seek immediate medical attention.

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

No information available

### 4.3 Indication of any immediate medical attention and specific treatment needed

None

## 5) FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water mist.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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### 5.2 Special hazards arising from the substance or mixture

No unusual fire or explosion hazards noted.

#### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxide, carbon dioxide (CO<sub>2</sub>) and Nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for firefighters

#### Protective actions during firefighting

Cool containers exposed to heat with a water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

#### Special protective equipment for firefighters

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

## 6) ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Do not inhale the vapour. See protective measures under points 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter into soil or subsoil, surface water or drains. In case of gas escape or entry into waterways, soil or drains, inform responsible authorities.

### 6.3 Methods and materials for containing and cleaning up

Prevent spread over a wide area (e.g. by containment or oil barriers). Clear, contain and collect spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth and place container for disposal according to local regulations (see section 13). Clean with detergents. Avoid solvent cleaners.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## 7) HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist. When using do not eat, drink or smoke. See section 8 of the safety data sheet. Never use pressure to empty container. Keep/store only in original container. Comply with the health and safety at work laws. Do not allow to enter groundwater, surface water or drains, not even in small quantities.

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### 7.2 Conditions for safe storage, including any incompatibilities

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

Store between the following temperatures: 5 to 40°C (41 to 104°F). Store in accordance with local regulations. Store in a dry, cool and well-ventilated area.

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Store in original container, protected from direct sunlight.

### 7.3 Specific end uses

None specified

## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

None

### 8.2 Measures to control exposure

#### Appropriate engineering controls

Provide for sufficient ventilation. This can be achieved by local exhaust, general exhaust or air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values

#### Personal protection

##### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye and face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust.

##### Skin protection

Chemical-resistant, impervious gloves complying with approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. 4 - 8 hours (breakthrough time), material: nitrile rubber (0,5 mm thickness).

##### Body protection

Not required

##### Respiratory protection

No special protection is required. In case of insufficient ventilation, wear suitable respiratory equipment.

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

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## 9) PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Odour	Noticeable
Odour threshold	No data available
pH value	7-9
Melting point/range	No data available
Boiling point/range	100°C
Flash point	>100°C
Evaporation rate	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure (20°C)	No data available
Relative vapour density (20°C)	No data available
Density (20°C)	1,45-1,55g/cm <sup>3</sup>
Water solubility (20°C)	100Wt%
Log PO/W	No data available
Ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (20°C)	ca. 34500mPa·s
Explosive properties	No data available
Oxidising properties	No data available

The product has not been tested on the properties that are listed on the safety data sheet as "No data available".

### 9.2 Other information

None

## 10) STABILITY AND REACTIVITY

### 10.1 Reactivity

There are no known reactivity hazards associated with this product.

### 10.2 Chemical stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3 Possibility of hazardous reactions

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

### 10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

### 10.5 Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials

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- 10.6 Hazardous decomposition products  
Carbon dioxide, Carbon monoxide, Nitrogen oxides.

## 11) TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects  
Acute effects  
Acute oral toxicity parameter:  
LD50 (a mixture of 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE(3:1); CAS No. 55965.84.9)  
Exposure rout: Oral  
Species: Rat  
Effective dose: 0,33 mg/l  
Exposure time: 4h

## 12) ECOLOGICAL INFORMATION

Avoid release into the environment. Refer to special instructions/safety data sheets.

- 12.1 Toxicity
- Aqua toxicity - Acute (short-term) fish toxicity  
Parameter: LC50 (a mixture of 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1); CAS No. 55965-84-9)  
Species: Oncorhynchus mykiss (Rainbow trout)  
Effective dose: 0,19mg/l  
Exposure time: 96h
- Acute (short-term) daphnia toxicity  
Parameter: EC50 (a mixture of 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1); CAS No. 55965-84-9)  
Species: Daphnia magna (Big water flea)  
Effective dose: 0,16mg/l  
Exposure time: 48h
- Acute (short-term) algae toxicity  
Parameter EC50 (a mixture of 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE and 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1); CAS No. 55965-84-9)  
Species: Pseudokirchneriella subcapitata (Microalgae)  
Effective dose: 0.027mg/l  
Exposure time: 72h
- Persistence and degradability  
No information available
- Bioaccumulative potential  
No information available

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Mobility in soil

No information available

Results of PBT and vPvB assessment

No information available

Other adverse effects

No information available

### 13) DISPOSAL CONSIDERATIONS

Waste treatment methods

Avoid release to the environment. Refer to special safety instructions. Waste disposal according to directive 2008/98/EC in the corresponding versions, covering waste and hazardous waste. Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Unclean packaging should be disposed of in the same manner as the medium.

### 14) TRANSPORT INFORMATION

Transport within user's premisesUN Number

No dangerous goods in sense of this transport regulation

UN proper shipping name

No dangerous goods in sense of this transport regulation

Transport hazard class(es)

No dangerous goods in sense of this transport regulation

Packing group

Not applicable

Environmental hazardsEnvironmentally hazardous substances

No

Marine pollutant

No

Special precautions for user

Not applicable

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## 15) REGULATORY INFORMATION

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

#### EU legislation

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

## 16) OTHER INFORMATION

### 16.1 Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM	American Society of Testing and Materials (US)
ATE	Acute Toxicity Estimate
CAS No	Chemical Abstracts Service Number (see ACS - American Chemical Society)
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL	Derived No-Effect Level
DT50	Degradation Time for 50% of a compound
EbC50	Median effective concentration (biomass, e.g. of algae)
EC50	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substance
ELINCS	European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50	Median effective concentration (growth rate, e.g. of algae)
EUH Statement	CLP-specific Hazard statement
EWC	European Waste Catalogue
IATA	International Air Transport Association
IC50	Concentration that produces 50% inhibition
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization
LC50	Concentration required to kill 50% of test organisms
LD50	Dose required to kill 50% of test organisms
LEL	Lower Explosive Limit/Lower Explosion Limit
LOAEL	Lowest Observed Adverse Effect Level
MRL	Maximum Residue Limit
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative or Toxin
PNEC	Predicted Non Effect Concentration
RRN	REACH Registration Number



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STEL Short-Term Exposure Limit  
TWA Time-Weighted Average  
vPvB Very Persistent and Very Bioaccumulative

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

H301 Toxic if swallowed  
H311 Toxic in contact with skin  
H314 Causes severe skin burns and eye damage  
H317 May cause an allergic skin reaction  
H331 Toxic if inhaled  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
R34 Causes severe skin burns and eye damage  
R43 May cause sensitisation by skin contact  
R50 Very toxic to aquatic organisms  
R53 May cause long-term adverse effects in the aquatic environment.

16.3 This Safety Data Sheet is prepared according to Regulation (EC) No 1272/2008 [CPL/GHS].

Data of issue 20/12/2016  
Version 2

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 the safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessary valid for the new made-up material.