

Flat Eggshell

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

- 1.1 Production Identifier
Product name eicó Flat Eggshell
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses Paint
- 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 Elicitation (Skin sensitisation)
- Environmental hazards Not classified
- 2.2 Label elements
Labelling according to Directive 1999/45/EC
- 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(EC no 247-500-7) & 2-METHYL-2H-ISOTHIAZOL-3-ONE(EC no 220-239-6)(3:1). May produce an allergic reaction.
- 2.3 Other hazards
None

3) COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Mixtures
2-(2-BUTOXYETHOXY)ETHANOL; EC No: 203-961-6; CAS No: 112-34-5
Weight fraction: 1-3%
Classification 67/548/EEC: Eye Irrit. 2; H319

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5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE(EC no 247-500-7) & 2-METHYL-2H-ISOTHIAZOL-3-ONE(EC No 220-239-6)(3:1); CAS No. 55965-84-9

M Factor (Acute) 10

M Factor (Chronic) 1

Classification 67/548/EEC

Acute Tox. 3: H301; Acute Tox. 3: H311;

Acute Tox. 3: H331; 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 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. 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

Inhalation

No specific symptoms known.

Ingestion

Symptoms following overexposure may include the following: Nausea, vomiting

Skin contact

Prolonged skin contact may cause redness and irritation.

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Eye Contact

May cause temporary eye irritation.

- 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 (CO₂), extinguishing powder, water mist.

Unsuitable extinguishing media

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

- 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 oxides or other toxic gases or vapours.

- 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

Use protective equipment appropriate for surrounding materials and respirator.

6) ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. 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.

- 6.3 Methods and materials for containing and cleaning up

Absorb spillage with liquid binding materials.

Clean contaminated areas immediately.

- 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.

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7) HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

- 7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist.
Put on appropriate personal protective equipment (see Section 8).
- 7.2 Conditions for safe storage, including any incompatibilities
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
Occupational exposure limits
2-(2-BUTOXYETHOXY)ETHANOL
Long-term exposure limit (8-hour TWA): OEL 10ppm 67,5mg/m³
Short-term exposure limit (15-minute): OEL 15ppm 101,2mg/m³

OEL = Occupational Exposure Limit
- 8.2 Measures to control exposure
Appropriate engineering controls
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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.

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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

Working clothes

Respiratory protection

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

Environmental exposure

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Odour	Slight
Odour threshold	No data available
pH value	No data available
Melting point/range	No data available
Boiling point/range	No data available
Flash point	No data available
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)	No data available
Water solubility (20°C)	Yes
Log PO/W	No data available
Ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (20°C)	No data available
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

Volatile organic compounds EU(cat A/d): 130g/l 2010. This product contains a maximum VOC content of <130g/litre.

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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
Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid
Avoid freezing.
- 10.5 Incompatible materials
Reactive or incompatible with the following materials: oxidizing materials
- 10.6 Hazardous decomposition products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11) TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation

No specific hazards known.

Ingestion

May cause discomfort.

Skin contact

Prolonged and frequent contact may cause redness and irritation.
The product contains a small amount of sensitizing substance.

Eye contact

May cause temporary eye irritation.

12) ECOLOGICAL INFORMATION

Toxicity

No data recorded.

Persistence and degradability

No data recorded.

Bioaccumulative potential

No data recorded.

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Mobility in soil

No data recorded.

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

Other adverse effects

None known.

13) DISPOSAL CONSIDERATIONS

Waste treatment methods

Avoid release to the environment. Refer to special safety instructions. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and hazardous waste. Contaminated packaging must be emptied and can be recycled following appropriate cleaning. Unclean packaging should be disposed of in the same manner as the medium.

14) TRANSPORT INFORMATION

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. Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

UN Number

Not applicable

UN proper shipping name

Not applicable

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Environmentally hazardous substances

No

Marine pollutant

No

Special precautions for user

Not applicable

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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable

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, eg. 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, eg. of algae)
EUH Statement	CLP-specific Hazard statement
EWC	European Waste Catalogue
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
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
IATA	International Air Transport Association
IC50	Concentration that produces 50% inhibition
IMDG	International Maritime Dangerous Goods Code

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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
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative or Toxin
PNEC	Predicted Non Effect Concentration
RRN	REACH Registration Number
STEL	Short-Term Exposure Limit
TWA	Time-Weighted Average
vPvB	Very Persistent and Very Bioaccumulative

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

Data of issue	19/12/2016
Version	2

The information of this MSDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for purpose other than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.