

# Helmatt

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

- |     |   |  |
|-----|---|--|
| 1.1 | <u>Production Identifier</u><br>Product name  | eicó Helmatt   |
| 1.2 | <u>Relevant identified uses of the substance or mixture and uses advised against</u><br>Identified uses | Coating  |
| 1.3 | <u>Details of the supplier of the safety data sheet</u>   | eicó Paints Limited<br>861 - 863 Fulham Road<br>London, UK - SW6 5HP<br>+0845 073 9432 |
| 1.4 | <u>Emergency telephone number</u>   | Contact National Centre via Hospital or Registered Medical Practitioner.               |

## 2) HAZARDS IDENTIFICATION

- |     |  |   |
|-----|--|---|
| 2.1 | <u>Classification of the substance or mixture</u>                                    |   |
|     | Physical hazards   | Not classified                              |
|     | Health hazards   | Not classified                              |
|     | Environmental hazards  | Not classified                              |
| 2.2 | <u>Label elements</u>  | Labelling according to Directive 1999/45/EC |
|     | Precautionary statements<br>P102   | Keep out of reach of children.              |
|     | Special rules for supplemental label elements for certain mixtures<br>Not applicable |   |
| 2.3 | <u>Other hazards</u>   | None  |

## 3) COMPOSITION/INFORMATION ON INGREDIENTS

- |     |  |      |
|-----|--|------|
| 3.2 | <u>Mixtures</u><br>Hazardous ingredients | None |
|-----|--|------|

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or environment and hence require reporting in this section.

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## 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

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.

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

#### Hazardous combustion products

Thermal decomposition or combustion may liberate Carbon Monoxide and Carbon Dioxide (CO<sub>2</sub>).

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## 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.

## 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, away from incompatible materials (see section 10).

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

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## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters  
Occupational exposure limits  
No exposure limit value known.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and / or necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for determination of hazardous substances.

- 8.2 Measures to control exposure  
Appropriate engineering controls  
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual 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

Working clothes

Respiratory protection

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

Environmental exposure controls

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.

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## 9) PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	Noticeable
Odour threshold	No data available
PH value	8,5-9,0
Melting point/range	Not data available
Boiling point/range	ca. 100°C
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)	1,2g/ml
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 No

## 10) STABILITY AND REACTIVITY

- 10.1 Reactivity  
No specific test data related to reactivity available for this product or ingredients.
- 10.2 Chemical stability  
This product is stable.
- 10.3 Possibility of hazardous reactions  
Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid  
No specific data
- 10.5 Incompatible materials  
Reactive or incompatible with the following materials: oxidizing materials

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- 10.6 Hazardous decomposition products  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11) TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects  
There is no data available on the mixture itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and amendments.

Repeated or prolonged contact with mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in eyes, the liquid may cause irritation and reversible damage. Swallowing may cause nausea, diarrhoea and vomiting.

## 12) ECOLOGICAL INFORMATION

Toxicity	No data recorded.
Persistence and degradability	No data recorded.
Bioaccumulative potential	No data recorded.
Mobility in soil	No data recorded.
Results of PBT and vPvB assessment	No data recorded.
Other adverse effects	None known.

## 13) DISPOSAL CONSIDERATIONS

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).

### 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.

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UN Number

Not applicable

UN proper shipping name

Not regulated

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

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 - regulation (EC) No. 1907/2006 (REACH)  
Annex XIV - List of substances subject to authorisation.
- 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                        |

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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
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
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 SDS 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 SDS 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.