

According to Regulation (EC) No. 1907/2006 (REACH)

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name:** Smart Magnetic Paint

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

**1.2.1. Identified use(s):** Decoration of internal walls and woodwork.

**1.2.2. Uses advised against:** Follow supplier's recommendations on correct use of the product.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:** Smarter Surfaces  
13 Garville Mews  
Rathgar  
Dublin 6  
Ireland

**Telephone(Ire):** +353 1 412 6200

**E-mail:** support@smartersurfaces.com

### 1.4 Emergency telephone number

**In case of emergency, call:** +353 1 412 6200

## Section 2: Hazard Identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 (CLP)**

Not classified

### 2.2 Label elements according to Regulation (EC) No. 1272/2008 (CLP)

**Hazard pictogram(s):**

None

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**Signal Word:** None

**Hazard Statement(s):** None

**Precautionary Statement(s):** None

**Supplemental Hazard information (EU):** EUH208: Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imid-azo[4,5-d]imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

**Contains:** Not applicable

## 2.3 Other hazards:

None.

## Section 3: Composition

### 3.2 Mixtures

#### Classification according to Regulation (EC) No. 1272/2008 (CLP)

| Chemical name                                                                       | % w/w   | CAS No.   | EC No.    | Index No. | Classification      |
|-------------------------------------------------------------------------------------|---------|-----------|-----------|-----------|---------------------|
| Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imid-azo[4,5-d]imidazole-2,5(1H,3H)-dione | ca. 0.1 | 5395-50-6 | 226-408-0 | -         | Skin Sens. 1B; H317 |

See section 16 for a full description of H statements.

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

**INHALATION:** No first aid action required.

**SKIN CONTACT:** Remove contaminated clothing immediately. Wash affected area with soap and water.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if problems persist.

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**INGESTION:** Give small quantities of water to drink. Do NOT induce vomiting.

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

May produce an allergic skin reaction.

### **Section 5: Fire-fighting Measures**

#### **5.1 Extinguishing Media**

**Suitable extinguishing media:** Foam, water jet, CO<sub>2</sub> or dry powder.

**Unsuitable extinguishing media:** None

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

This product is not flammable but toxic decomposition products may be formed if it is involved in a fire.

#### **5.3 Advice for fire-fighters**

Prevent run-off from fire control or dilution from entering drains or water courses. Suitable protective clothing and respiratory equipment should be worn in fire conditions. Keep fire-exposed containers cool by spraying with water.

### **Section 6: Accidental Release Measures**

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

#### **6.2 Environmental precautions**

Collect spillage. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

#### **6.3 Methods and materials for containment and clearing up**

#### **6.4 Reference to other sections**

See Section 8 for personal protective equipment. See Section 13 for waste disposal.

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## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Keep out of the reach of children. Provide adequate ventilation. Avoid contact with skin and eyes. Wear suitable personal protective equipment (see Section 8).

Do not eat, drink or smoke when using this product. Wash exposed skin after use. Contaminated work clothing should not be allowed out of the workplace. Contaminated clothing should be thoroughly cleaned or disposed of.

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

Keep out of the reach of children. Keep away from heat and direct sunlight. Store only in the original container. Do not pressurise container. Store in a cool, well ventilated place. Store upright and protect from frost.

See section 10 for incompatible materials.

### 7.3 Specific end uses(s)

Creates a magnetically receptive surface on smooth surfaces.

## Section 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Workplace exposure limits

None assigned.

#### Other exposure limits

None assigned.

#### Biological limits

None assigned.

#### Derived No-Effect Level (DNEL)

Not available.

#### Predicted No-Effect Concentration (PNEC)

Not available.

### 8.2 Exposure controls

According to Regulation (EC) No. 1907/2006 (REACH)

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| <b>Appearance:</b>                                   | Viscous grey liquid                  |
| <b>Odour:</b>                                        | Mild                                 |
| <b>Odour threshold:</b>                              | Not available                        |
| <b>pH:</b>                                           | Not available                        |
| <b>Melting/freezing point:</b>                       | Not available                        |
| <b>Initial boiling point and boiling range:</b>      | Not available                        |
| <b>Flash point:</b>                                  | Not flammable                        |
| <b>Evaporation rate:</b>                             | Not available                        |
| <b>Flammability (solid; gas):</b>                    | Not applicable                       |
| <b>Upper/lower flammability or explosive limits:</b> | Not flammable                        |
| <b>Vapour pressure:</b>                              | Not available                        |
| <b>Vapour density:</b>                               | Not available                        |
| <b>Relative density:</b>                             | 2.3 (water = 1)                      |
| <b>Solubility:</b>                                   | Miscible with water                  |
| <b>Partition coefficient: n-octanol/water:</b>       | Not available                        |
| <b>Auto-ignition temperature:</b>                    | Not applicable                       |
| <b>Decomposition temperature:</b>                    | Not available                        |
| <b>Viscosity:</b>                                    | 8 to 9 poise (ICI rotothinner, 20°C) |
| <b>Explosive properties:</b>                         | Not explosive                        |
| <b>Oxidising properties</b>                          | : Not oxidising                      |

## Section 10: Stability and Reactivity

|                                                |                                                    |
|------------------------------------------------|----------------------------------------------------|
| <b>10.1 Reactivity</b>                         | Not reactive                                       |
| <b>10.2 Chemical stability</b>                 | Stable under normal conditions.                    |
| <b>10.3 Possibility of hazardous reactions</b> | No hazardous reactions expected during normal use. |
| <b>10.4 Conditions to avoid</b>                | None known                                         |
| <b>10.5 Incompatible materials</b>             | None known                                         |

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**10.6 Hazardous decomposition products** If involved in a fire, may liberate toxic smoke and fumes.

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

|                                                           |                                                                                                                                   |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity</b>                                     | Low acute toxicity.                                                                                                               |
| <b>Skin corrosion/irritation</b>                          | Not irritating.                                                                                                                   |
| <b>Serious eye damage/irritation</b>                      | Not irritating.                                                                                                                   |
| <b>Skin sensitisation</b>                                 | Not classified. The product does not contain substances classified as skin sensitisers above the classification thresholds.       |
| <b>Respiratory irritation</b>                             | Not irritating.                                                                                                                   |
| <b>Respiratory sensitisation</b>                          | No evidence of respiratory sensitisation.                                                                                         |
| <b>Germ cell mutagenicity</b>                             | Not mutagenic.                                                                                                                    |
| <b>Carcinogenicity</b>                                    | Not carcinogenic.                                                                                                                 |
| <b>Reproductive toxicity</b>                              | Not classified. The product does not contain substances classified for reproductive toxicity above the classification thresholds. |
| <b>Specific Target Organ Toxicity – single exposure</b>   | No identified effect.                                                                                                             |
| <b>Specific Target Organ Toxicity – repeated exposure</b> | No identified effect.                                                                                                             |
| <b>Aspiration hazard</b>                                  | No aspiration hazard.                                                                                                             |

#### Information on likely routes of exposure

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Inhalation</b>   | No significant effect.                 |
| <b>Skin contact</b> | May produce an allergic skin reaction. |
| <b>Eye contact</b>  | No significant effect.                 |
| <b>Ingestion</b>    | No significant effect.                 |

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**Symptoms related to the physical, chemical and toxicological characteristics**

May produce an allergic skin reaction.

**Other information**

None

**Section 12: Ecological Information****12.1 Toxicity**

The product is low hazard for the environment.

**Section 13: Disposal Considerations****13.1 Waste treatment methods**

Product and packaging to be disposed of as normal industrial waste. Disposal should be in accordance with local, state or national legislation.

Contaminated adsorbent must be removed in sealed drums and disposed of via an authorised waste disposal contractor. Do not empty into drains; dispose of this material and its container in a safe way.

**Section 14: Transport Information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 1907/2006 as amended. The product has been classified in accordance with Regulation (EC) No. 1272/2008 (CLP).

**15.2 Chemical Safety Assessment**

Not applicable.

According to Regulation (EC) No. 1907/2006 (REACH)

## Section 16: Other Information

**Full text of relevant H-statements:** H317: May cause an allergic skin reaction.

### References:

Suppliers' Safety Data Sheets for components  
Regulation (EC) No. 1272/2008

### Disclaimer:

THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM, IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.