

# **INSTARMAC**

## **SAFETY DATA SHEET ULTRACRETE LINEMARKER PAINT ALL COLOURS**

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

#### **1.1. Product identifier**

**Product name** ULTRACRETE LINEMARKER PAINT ALL COLOURS

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

**Identified uses** Linemarker Paint

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 254400  
 Fax: +44 (0) 1827 285386  
 email@instarmac.co.uk www.instarmac.co.uk

#### **1.4. Emergency telephone number**

**Emergency telephone** +44(0)1827 254433 +44 (0)7971 217 347 (24 hours)

### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

##### **Classification (EC 1272/2008)**

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Eye Irrit. 2 - H319 Muta. 1B - H340 Carc. 1B - H350 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 3 - H412

##### **Human health**

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Gas or vapour is harmful on prolonged exposure or in high concentrations. Diliberately concentrating and inhaling the contents of this container is dangerous and can be fatal. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

##### **Environmental**

The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12.

##### **Physicochemical**

Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. The product is extremely flammable, and explosive vapour/air mixture may be formed even at normal room temperatures.

#### **2.2. Label elements**

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### Hazard pictograms



### Signal word

Danger

### Hazard statements

H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 Keep out of reach of children.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P271 Use only outdoors or in a well-ventilated area.  
 P235+P410 Keep cool. Protect from sunlight.  
 P260 Do not breathe vapour/ spray.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 IF exposed or concerned: Get medical advice/ attention.  
 P312 Call a POISON CENTRE/doctor if you feel unwell.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/ container in accordance with national regulations.

### Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

### Contains

ACETONE, PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS, Aromatic Solvent

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Classification according to EC  
 1272/2008 (CLP)

### 3.2. Mixtures

|                       |                      |
|-----------------------|----------------------|
| <b>ACETONE</b>        | <b>30-60%</b>        |
| CAS number: 67-64-1   | EC number: 200-662-2 |
| <b>Classification</b> |                      |
| Flam. Liq. 2 - H225   |                      |
| Eye Irrit. 2 - H319   |                      |
| STOT SE 3 - H336      |                      |

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|  |                      |
|--|----------------------|
| <b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b> | <b>30-60%</b>        |
| CAS number: 68476-85-7                           | EC number: 270-704-2 |
| <b>Classification</b>                            |                      |
| Flam. Gas 1A - H220                              |                      |
| Press. Gas                                       |                      |
| Muta. 1B - H340                                  |                      |
| Carc. 1B - H350                                  |                      |
| <b>Aromatic Solvent</b>                          | <b>10-30%</b>        |
| CAS number: —                                    | EC number: 918-668-5 |
| <b>Classification</b>                            |                      |
| Flam. Liq. 3 - H226                              |                      |
| STOT SE 3 - H335, H336                           |                      |
| Asp. Tox. 1 - H304                               |                      |
| Aquatic Chronic 2 - H411                         |                      |

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |   |
|----------------------------|---|
| <b>General information</b> | Move affected person to fresh air at once.  |
| <b>Inhalation</b>          | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention. |
| <b>Ingestion</b>           | If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Rinse mouth thoroughly with water.                                      |
| <b>Skin contact</b>        | Remove contaminated clothing immediately and wash skin with soap and water.   |
| <b>Eye contact</b>         | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.   |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
|----------------------------|---|

#### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |  |
|-------------------------------------|--|
| <b>Suitable extinguishing media</b> | Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. DO NOT use water jet. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved. Water spray, fog or mist. |
|-------------------------------------|--|

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

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|  |   |
|--|---|
| <b>Specific hazards</b>                              | Fire may produce dense black smoke containing hazardous combustion products (see heading 10). Decomposition products may be a hazard to health. Avoid the spillage or runoff entering drains, sewers or watercourses. Closed containers can burst violently when heated, due to excess pressure build-up. Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember. The product is flammable. Heating may generate flammable vapours. |
| <b>Hazardous combustion products</b>                 | Does not decompose when used and stored as recommended.   |
| <b>5.3. Advice for firefighters</b>                  |   |
| <b>Protective actions during firefighting</b>        | Wear self-contained breathing apparatus. Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Warn firefighters that aerosols are involved.  |
| <b>Special protective equipment for firefighters</b> | Use protective equipment appropriate for surrounding materials.   |

### SECTION 6: Accidental release measures

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

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Warn everybody of potential hazards and evacuate if necessary. Avoid breathing fire gases or vapours. For personal protection, see Section 8. In case of fire: Evacuate area. |
|-----------------------------|--|

#### 6.2. Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Solvent vapours may form explosive mixtures with air. Contain spillage with sand, earth or other suitable non-combustible material. |
|----------------------------------|---|

#### 6.3. Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Contain and absorb spillage with sand, earth or other non-combustible material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Clean with detergents. Avoid solvents. Eliminate all sources of ignition. Keep away from sources of ignition - No smoking. |
|--------------------------------|---|

#### 6.4. Reference to other sections

|                                    |  |
|------------------------------------|--|
| <b>Reference to other sections</b> | For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards. |
|------------------------------------|--|

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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**Usage precautions** Keep in a cool place. Store in tightly-closed, original container. Keep container dry. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray/mists. Wear protective clothing as described in Section 8 of this safety data sheet. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Aerosol containers can explode when heated, due to excessive pressure build-up. Avoid exposing aerosol containers to high temperatures or direct sunlight. Never apply pressure to aerosol it may explode. Use non-sparking tools. Do not spray near a naked flame or any incandescent material.

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

**Storage precautions** Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** The accumulation of vapours in an enclosed space may result in spontaneous combustion, use only in well ventilated areas. Use responsibly and in the correct manner. Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

##### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. All personal protection equipment must be selected to meet the requirements of the COSHH regulations. Avoid inhalation of vapours and spray/mists.

**Eye/face protection** Safety eyewear complying with an approved standard should be used when a risk assessment indicated that it is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If operating conditions cause high dust concentration to be produced, use goggles.

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|                                       |   |
|---------------------------------------|---|
| <b>Hand protection</b>                | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. They should not be applied once exposure has occurred. Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear suitable gloves. |
| <b>Other skin and body protection</b> | Remove contaminated clothing immediately and wash skin with soap and water.   |
| <b>Hygiene measures</b>               | When using do not smoke. Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.  |
| <b>Respiratory protection</b>         | If ventilation is inadequate, suitable respiratory protection must be worn.   |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |   |
|---|---|
| <b>Appearance</b>                                   | Aerosol.  |
| <b>Colour</b>                                       | Various colours.  |
| <b>Odour</b>  | Organic solvents.   |
| <b>Flash point</b>                                  | 40°C  |
| <b>Upper/lower flammability or explosive limits</b> | Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 9.5% |
| <b>Auto-ignition temperature</b>                    | 410-580°C   |
| <b>Comments</b>                                     | Information given is applicable to the major ingredient.                    |

#### 9.2. Other information

|                                  |   |
|----------------------------------|---|
| <b>Other information</b>         | Not available.  |
| <b>Volatile organic compound</b> | This product contains a maximum VOC content of 690 g/l. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

#### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Avoid the following conditions: Heat, sparks, flames. |
|------------------|---|

#### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | Not applicable. No potentially hazardous reactions known. |
|---|---|

#### 10.4. Conditions to avoid

|                            |  |
|----------------------------|--|
| <b>Conditions to avoid</b> | Aerosol containers can explode when heated, due to excessive pressure build-up. Keep away from sources of ignition - No smoking. Avoid exposure to high temperatures or direct sunlight. |
|----------------------------|--|

#### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | Strong oxidising agents. Strong alkalis. Strong acids. |
|---------------------------|--|

#### 10.6. Hazardous decomposition products

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**Hazardous decomposition products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon. Nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**General information** Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Inhalation** Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Unconsciousness, possibly death.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

**Acute and chronic health hazards** Arrhythmia (deviation from normal heart beat). Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

**Route of exposure** Inhalation

**Target organs** Central nervous system Respiratory system, lungs

**Medical symptoms** Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation.

### SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product. The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Avoid discharge into drains or watercourses or onto the ground. The Air Pollution Control requirements made under the Environmental Protection Act may apply to this product.

#### 12.1. Toxicity

**Toxicity** No information available

#### 12.2. Persistence and degradability

**Persistence and degradability** No information available There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

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**Other adverse effects**                      Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information**                      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

**Disposal methods**                          Do not puncture or incinerate, even when empty.

### SECTION 14: Transport information

**General**    The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

**UN No. (ADR/RID)**                          1950

**UN No. (IMDG)**                              1950

**UN No. (ICAO)**                              1950

#### 14.2. UN proper shipping name

Not applicable.

**Proper shipping name (ADR/RID)**                      Aerosols

**Proper shipping name (IMDG)**                      Aerosols

**Proper shipping name (ICAO)**                      Aerosols

**Proper shipping name (ADN)**                      Aerosols

#### 14.3. Transport hazard class(es)

Not applicable.

**ADR/RID class**                                  2.1

**ADR/RID classification code**                      5F

**ADR/RID label**                                  2.1

**IMDG class**                                      2.1

#### **Transport labels**



#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.



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### 14.6. Special precautions for user

Not applicable.

|                                |          |
|--------------------------------|----------|
| <b>EmS</b>                     | F-D, S-U |
| <b>ADR transport category</b>  | 2        |
| <b>Tunnel restriction code</b> | (D)      |

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

|                             |   |
|-----------------------------|---|
| <b>National regulations</b> | Health and Safety at Work etc. Act 1974 (as amended).<br>The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).<br>Control of Substances Hazardous to Health Regulations 2002 (as amended).<br>EH40/2005 Workplace exposure limits.<br>The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).<br>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. |
| <b>EU legislation</b>       | Commission Regulation (EU) No 2015/830 of 28 May 2015.  |
| <b>Guidance</b>             | Safety Data Sheets for Substances and Preparations.   |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|                                  |  |
|----------------------------------|--|
| <b>General information</b>       | Only trained personnel should use this material.   |
| <b>Issued by</b>                 | HS&E Manager.  |
| <b>Revision date</b>             | 15/04/2020   |
| <b>Revision</b>                  | 11   |
| <b>Supersedes date</b>           | 19/12/2014   |
| <b>SDS status</b>                | Approved.  |
| <b>Hazard statements in full</b> | H220 Extremely flammable gas.<br>H222 Extremely flammable aerosol.<br>H225 Highly flammable liquid and vapour.<br>H226 Flammable liquid and vapour.<br>H229 Pressurised container: may burst if heated.<br>H304 May be fatal if swallowed and enters airways.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>H340 May cause genetic defects.<br>H350 May cause cancer.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects. |

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