

**A quick drying, low odour, cross linking, water thinned primer/finish coat, with excellent adhesion, stain blocking and anti-corrosive properties.**

## Recommended Areas of Use

For use as a low odour, quick drying scuff and moisture resistant, adhesion promoting, stain locking, anticorrosive coating for interior or exterior walls and trim, masonry (Brickwork/Concrete etc) ferrous metals, non-ferrous metals, common plastics (e.g. melamine and uPVC), ceramic tiles, glass, wood and existing painted surfaces. Exterior cladding offering hard wearing, flexible, weather and light resistance, ideal for use over existing cladding coatings (coil, plastisol and powder coatings with minimal preparation).

## Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems. 2004/42/EC EU limit value for this product (Annex IIA/i: wb): 140g/l (2010). This product contains max 30 g/l VOC.

## Properties

|                                       |                           |                                       |   |
|---------------------------------------|---------------------------|---------------------------------------|---|
| <b>Gloss</b>                          | Matt (approx. 4-8%)       | <b>Surface dry</b>                    | 30 Minutes  |
| <b>Theoretical Coverage</b>           | 12 m <sup>2</sup> /L/coat | <b>Minimum over coating time</b>      | 1 hour minimum*   |
| <b>Recommended number of coats</b>    | 2 coats minimum           | <b>Maximum over coating time</b>      | Unlimited   |
| <b>Density</b>                        | 1.34 kg/L                 | <b>Minimum application conditions</b> | 7°C or above for application (minimum of 3°C above dew point) |
| <b>Volume solids</b>                  | 41.3%                     | <b>Full Cure</b>                      | 7 days  |
| <b>Flash point (Abel closed cup)</b>  | Non-Flammable             | <b>Shelf life</b>                     | 2 years minimum in original unopened containers.              |
| <b>VOC</b>                            | 25 g/L                    | <b>Colour range</b>                   | RAL, British Standard, NCS                                    |
| <b>Thinner / Cleaning</b>             | Water                     |                                       |   |
| <b>Recommended wet film thickness</b> | 100 microns/coat          | <b>Recommended dry film thickness</b> | 40 microns/coat   |

## Suitable Surfaces

Suitable for use over most properly cleaned and prepared interior and exterior commercial wood, plastic and metals. Compatibility with existing coatings should be confirmed by preparing and painting a test patch. Fully anti corrosive for application to ferrous and non-ferrous metals properly prepared. Seals most stains in the primer coat including water, nicotine, hard wood resin bleed, bitumen, asphalt, creosote and many more.

## Application Information

\*Drying times will be prolonged at lower temperatures.

All surfaces must be dry and dust free before coating. Application should always conform with the codes of practice described in BS 6150 and BS 5493.

**Brush and Roller** - supplied ready for use. Thin with 0-5% Water if required.

**Conventional Air Spraying** - Thin with 5-15% water as required. Tip size - 2.0mm.

Tip pressure - 60psi (0.4MPa) approximately.

**Airless Spraying** - Thin with 0-10% water as required. Tip size - 19 thou (0.48mm) approximately

Tip pressure - 2100 psi (15MPa) approximately.

## Cleaning

Equipment should be cleaned immediately after use with water.

## Specifications

### Surface Preparation

Loose and non adhered contamination should be removed. Cleaning using Bradite TD39 Industrial Degreaser or methylated spirit is recommended to remove oils, grease and other contamination.

Intact areas of existing coatings should, ideally, be roughened by manual or mechanical sanding. Feather back exposed areas to a sound coating edge. Cracks and pits should be filled using a suitable filler before painting.

Substrate should be dust free and completely dry before coating.

**Stain locking:** Encapsulates stains in the primer coat, application of second coat will be required to hide and in extreme cases a third. One Can should be allowed to hard dry prior to overcoating this will take at least one hour, over application may result in longer drying times.

**Aluminum, stainless steel, galvanised steel, copper and other metals:** Cleaned and degreased with methylated spirit, and lightly abraded if possible. White salts on weathered galvanising must be removed during cleaning and degreasing. Light surface rusting can be treated with Bradite Rust Convertor RC46. Heavy rusting to be removed to clean metallic finish (SIS-St 3).

**New Wood:** Ensure moisture content of the timber is below 15% before commencing application. Damp wood should never be painted as this may give rise to blistering, flaking, cracking and premature coating failure. Knots to be wiped using methylated spirit, for heavy or active knots spot prime with Aluminium Wood primer.

**Hard Woods:** Wipe with methylated spirit to remove excess resin, changing the face of the cloth regularly. Lightly abrade.

**Green oak:** Should not be painted unless it has been weathered for at least 6 months.

**Exterior cladding, Powder coated, Varnish and Existing paint finish:** Remove all loose and flaking paintwork. Degrease using Bradite TD39 Industrial Degreaser, followed by clean water rinse. Rub down thoroughly with a medium grade sand paper to provide a key and a defect free smooth surface, "feathering in" areas where paint has been removed.

**UPVC, Formica, Melamine and Plastics:** For long term performance, degrease using methylated spirit & lightly abrade surfaces.

**New plaster walls:** For plaster skim, allow at least four weeks for the plaster to thoroughly dry. Apply a primer coat by thinning the paint with a 5 to 25% (v/v) addition of clean water, depending upon the porosity of the substrate. Cut in by brushing at the same dilution recommendation as for priming, to promote flow and sealing of the substrate.

For new, fully plastered walls, allow at least six months for the plaster to thoroughly dry before painting.

This product is not recommended for painting lime or other natural plasters.

**Masonry, brick, concrete:** Clean, dry and free of contamination, existing coatings to be sound and well adhered any loose flaking material back to sound well feathered edge, new concrete or masonry to be fully cured. Mould or mildew to be removed and area treated with good quality fungicidal wash following manufacturers instructions.

## Painting System

|          |                                    |
|----------|------------------------------------|
| 1st coat | Bradite ONE CAN OC63               |
| 2nd coat | Bradite ONE CAN OC63               |
| 3rd coat | Bradite ONE CAN OC63 [If required] |

## Summary Safety Information

Always refer to the Health and Safety sheet for the product before use, and observe the warning phrases on the label. In general, avoid inhalation of spray mist and skin contact by the use of masks, gloves and other personal protection. Eyes should be copiously washed with water or proprietary wash, and medical attention obtained. Skin should be thoroughly washed using a cleanser and soap and water.

**Disclaimer** - The information on this data sheet is correct to the best of our knowledge and experience. Bradite reserves the right to modify data contained herein, without notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, nor does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of service and application may be beyond our control, so no liability whatsoever can be accepted on the basis of the information supplied herein.

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

**1.1. Product identifier**

**Product name:** ONE CAN MATT

**Product code:** OC63

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

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

**Company name:** Bradite Paints

Ogwen Valley Works

Bethesda

Gwynedd

LL57 4YP

United Kingdom

**Tel:** +44 (0)1248 600315

**Fax:** +44 (0)1248 602782

**Email:** sales@bradite.com

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0)1248 600315

(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Aquatic Chronic 2: H411; -: EUH208

**Most important adverse effects:** Toxic to aquatic life with long lasting effects. Contains 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6]. May produce an allergic reaction.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H411: Toxic to aquatic life with long lasting effects.

EUH208: Contains 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6]. May produce an allergic reaction.

**Hazard pictograms:** GHS09: Environmental



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**Precautionary statements:** P273: Avoid release to the environment.  
P391: Collect spillage.  
P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

TRIZINC BIS(ORTHOPHOSPHATE) - REACH registered number(s): 01-2119485044-40-0001

|           |           |   |  |       |
|-----------|-----------|---|--|-------|
| 231-944-3 | 7779-90-0 | - | Aquatic Chronic 1: H410; Aquatic Acute 1: H400 | 1-10% |
|-----------|-----------|---|--|-------|

ZINC OXIDE - REACH registered number(s): 01-2119463881-32-XXX

|   |           |   |  |       |
|---|-----------|---|--|-------|
| - | 1314-13-2 | - | Aquatic Chronic 1: H410; Aquatic Acute 1: H400 | 1-10% |
|---|-----------|---|--|-------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Not applicable.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

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

**Exposure hazards:** In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging:** Must only be kept in original packaging.

**Storage quantity limits:** N/A

### 7.3. Specific end use(s)

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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## Hazardous ingredients:

### ZINC OXIDE

#### Workplace exposure limits:

#### Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK    | 5 mg/m3    | 10 mg/m3     | -          | -            |

#### DNEL/PNEC Values

## Hazardous ingredients:

### TRIZINC BIS(ORTHOPHOSPHATE)

| Type | Exposure                              | Value                   | Population | Effect   |
|------|---------------------------------------|-------------------------|------------|----------|
| DNEL | Inhalation                            | 5 mg/m3                 | Workers    | Systemic |
| DNEL | Dermal                                | 83 mg/kg bw/day         | Workers    | Systemic |
| DNEL | Dermal                                | 83 mg/kg bw/day         | Consumers  | Systemic |
| DNEL | Inhalation                            | 2.5 mg/m3               | Consumers  | Systemic |
| DNEL | Oral (repeated dose)                  | 0.83 mg/kg bw/day       | Consumers  | -        |
| PNEC | Fresh water                           | 20.6 ugZn/L             | -          | -        |
| PNEC | Marine water                          | 6.1 ugZn/L              | -          | -        |
| PNEC | Fresh water sediments                 | 117.8 mgZn/kg<br>sedime | -          | -        |
| PNEC | Marine sediments                      | 56.5 mg Zn/kg<br>sedime | -          | -        |
| PNEC | Soil (agricultural)                   | 35.6 mgZn/kg soil<br>dw | -          | -        |
| PNEC | Microorganisms in sewage<br>treatment | 100 ugZn/L              | -          | -        |

### ZINC OXIDE

| Type | Exposure              | Value                   | Population | Effect   |
|------|-----------------------|-------------------------|------------|----------|
| DNEL | Inhalation            | 5 mg/m3                 | Workers    | Systemic |
| DNEL | Dermal                | 83 mg/kg bw/day         | Workers    | Systemic |
| DNEL | Dermal                | 83 mg/kg bw/day         | Consumers  | Systemic |
| DNEL | Inhalation            | 0.83 mg/kg bw/day       | Consumers  | Systemic |
| PNEC | Fresh water           | 20.6 ugZn/L             | -          | -        |
| PNEC | Marine water          | 6.1 ugZn/L              | -          | -        |
| PNEC | Fresh water sediments | 117.8 mgZn/kg<br>sedime | -          | -        |
| PNEC | Marine sediments      | 56.6 mgZn/kg<br>sedimen | -          | -        |

[cont...]

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|      |                                    |                      |   |   |
|------|------------------------------------|----------------------|---|---|
| PNEC | Soil (agricultural)                | 35.6 mgZn/kg soil dw | - | - |
| PNEC | Microorganisms in sewage treatment | 100 ugZn/L           | - | - |

## 8.2. Exposure controls

**Engineering measures:** The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Various

**Odour:** Barely perceptible odour

**Evaporation rate:** Slow

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** >93

**Part.coeff. n-octanol/water:** Not applicable.

**Autoflammability°C:** Not applicable.

**Vapour pressure:** Not applicable.

**Relative density:** 1.33 kg/L

**pH:** 8.5

**VOC g/l:** 25

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

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## 10.4. Conditions to avoid

Conditions to avoid: Heat.

## 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

## 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### TRIZINC BIS(ORTHOPHOSPHATE)

|           |     |         |        |       |
|-----------|-----|---------|--------|-------|
| DUST/MIST | RAT | 4H LC50 | > 5.7  | mg/l  |
| ORAL      | RAT | LD50    | > 5000 | mg/kg |

#### ZINC OXIDE

|           |     |         |         |       |
|-----------|-----|---------|---------|-------|
| DUST/MIST | RAT | 4H LC50 | > 5.7   | mg/l  |
| ORAL      | RAT | LD50    | > 15000 | mg/kg |
| ORL       | MUS | LD50    | 7950    | mg/kg |

Toxicity values: No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Not applicable.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

Hazardous ingredients:

#### TRIZINC BIS(ORTHOPHOSPHATE)

|                    |           |             |      |
|--------------------|-----------|-------------|------|
| ALGAE              | 72H ErC50 | 0.14 - 0.32 | mg/l |
| Ceriodaphnia dubia | 48H EC50  | 0.89 - 0.96 | mg/l |

[cont...]

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|                                     |          |             |      |
|-------------------------------------|----------|-------------|------|
| Daphnia magna                       | 48H EC50 | > 2.34      | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss) | 96H LC50 | 0.14 - 5.59 | mg/l |

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Waste code number:** 08 01 12

**Disposal of packaging:** Retain for recovery.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3082

### 14.2. UN proper shipping name

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

**Transport class:** 9

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

[cont...]

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## 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** -

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6]. May produce an allergic reaction.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.