

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : Jesmonite Acrylic Gloss Sealer

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use, Consumer use  
Use of the substance/mixture : Coatings and paints, thinners, paint removers

**1.2.2. Uses advised against**

No additional information available

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

Jesmonite Limited  
Challenge Court  
SY9 5DW Bishops Castle – Shropshire  
United Kingdom

**1.4. Emergency telephone number**

Emergency number : For advice on medical emergencies, fires, spillages or chemical hazards only phone: +44  
870 190 6777  
National Chemical Emergency Centre (NCEC) phone: +44 (0) 1235 753654

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

EUH-statements : EUH208 - Contains A MIXTURE OF: 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](55965-84-9), 1,2-BENZISOTHIAZOLIN-3-ONE(2634-33-5). May produce an allergic reaction.

**2.3. Other hazards**

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

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

### 3.2. Mixtures

| Name   | Product identifier  | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|-----|--|
| 1,2-BENZISOTHIAZOLIN-3-ONE   | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6 | < 1 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| A MIXTURE OF: 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] | CAS-No.: 55965-84-9<br>EC Index-No.: 613-167-00-5                     | < 1 | Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 2 (Inhalation:dust,mist), H330<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=10) |

#### Specific concentration limits:

| Name   | Product identifier  | Specific concentration limits   |
|--|---|---|
| 1,2-BENZISOTHIAZOLIN-3-ONE   | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6 | ( 0.05 ≤C ≤ 100) Skin Sens. 1, H317   |
| A MIXTURE OF: 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] | CAS-No.: 55965-84-9<br>EC Index-No.: 613-167-00-5                     | ( 0.0015 ≤C < 100) Skin Sens. 1, H317<br>( 0.06 ≤C ≤ 0.6) Skin Irrit. 2, H315<br>( 0.06 ≤C ≤ 0.6) Eye Irrit. 2, H319<br>( 0.6 ≤C < 100) Skin Corr. 1B, H314 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**



##### 8.2.2.1. Eye and face protection

**Eye protection:**

Safety glasses

##### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |                                 |
|---|---------------------------------|
| Physical state                                  | : Liquid                        |
| Appearance                                      | : fluid.                        |
| Colour  | : white.                        |
| Odour   | : mild.                         |
| Odour threshold                                 | : No data available             |
| pH  | : 7.5 – 8.5                     |
| Relative evaporation rate (butylacetate=1)      | : No data available             |
| Melting point                                   | : Not applicable                |
| Freezing point                                  | : No data available             |
| Boiling point                                   | : No data available             |
| Flash point                                     | : No data available             |
| Auto-ignition temperature                       | : No data available             |
| Decomposition temperature                       | : No data available             |
| Flammability (solid, gas)                       | : Not applicable                |
| Vapour pressure                                 | : No data available             |
| Relative vapour density at 20°C                 | : No data available             |
| Relative density                                | : No data available             |
| Density   | : 1.01 – 1.05 g/cm <sup>3</sup> |
| Solubility                                      | : No data available             |
| Partition coefficient n-octanol/water (Log Pow) | : No data available             |
| Viscosity, kinematic                            | : No data available             |
| Viscosity, dynamic                              | : 1800 – 2500 cP                |

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|                      |                     |
|----------------------|---------------------|
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits     | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Acute toxicity (oral)             | : Not classified                  |
| Acute toxicity (dermal)           | : Not classified                  |
| Acute toxicity (inhalation)       | : Not classified                  |
| Skin corrosion/irritation         | : Not classified<br>pH: 7.5 – 8.5 |
| Serious eye damage/irritation     | : Not classified<br>pH: 7.5 – 8.5 |
| Respiratory or skin sensitisation | : Not classified                  |
| Germ cell mutagenicity            | : Not classified                  |
| Carcinogenicity                   | : Not classified                  |
| Reproductive toxicity             | : Not classified                  |
| STOT-single exposure              | : Not classified                  |
| STOT-repeated exposure            | : Not classified                  |
| Aspiration hazard                 | : Not classified                  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

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Not rapidly degradable

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|                        |             |
|------------------------|-------------|
| LC50 - Fish [1]        | 0.22 mg/l   |
| EC50 - Crustacea [1]   | 0.1 mg/l    |
| EC50 - Crustacea [2]   | 0.0052 mg/l |
| EC50 72h - Algae [1]   | 0.048 mg/l  |
| NOEC chronic fish      | 0.098 mg/l  |
| NOEC chronic crustacea | 0.004 mg/l  |
| NOEC chronic algae     | 0.0012 mg/l |

### 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5)

|                        |           |
|------------------------|-----------|
| LC50 - Fish [1]        | 1.6 mg/l  |
| EC50 - Crustacea [1]   | 3.27 mg/l |
| EC50 72h - Algae [1]   | 0.11 mg/l |
| NOEC chronic fish      | 0.21 mg/l |
| NOEC chronic crustacea | 1.2 mg/l  |
| NOEC chronic algae     | 0.04 mg/l |

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

### A MIXTURE OF: 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] (55965-84-9)

|   |        |
|---|--------|
| Bioconcentration factor (BCF REACH)             | 3.16   |
| Partition coefficient n-octanol/water (Log Kow) | ≤ 0.71 |

### 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5)

|   |             |
|---|-------------|
| Bioconcentration factor (BCF REACH)             | 6.95 (Fish) |
| Partition coefficient n-octanol/water (Log Kow) | 0.7         |

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

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### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |



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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disrupting properties  |

| Full text of H- and EUH-statements:    |   |
|--|---|
| Acute Tox. 2<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2  |
| Acute Tox. 3 (Dermal)                  | Acute toxicity (dermal), Category 3   |
| Acute Tox. 3 (Inhalation)              | Acute toxicity (inhal.), Category 3   |
| Acute Tox. 3 (Oral)                    | Acute toxicity (oral), Category 3   |
| Acute Tox. 4 (Oral)                    | Acute toxicity (oral), Category 4   |
| Aquatic Acute 1                        | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                      | Hazardous to the aquatic environment – Chronic Hazard, Category 1   |
| EUH208                                 | Contains A MIXTURE OF: 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](55965-84-9), 1,2-BENZISOTHIAZOLIN-3-ONE(2634-33-5). May produce an allergic reaction. |
| Eye Dam. 1                             | Serious eye damage/eye irritation, Category 1   |
| Eye Irrit. 2                           | Serious eye damage/eye irritation, Category 2   |
| H301                                   | Toxic if swallowed.   |
| H302                                   | Harmful if swallowed.   |
| H311                                   | Toxic in contact with skin.   |
| H314                                   | Causes severe skin burns and eye damage.  |
| H315                                   | Causes skin irritation.   |
| H317                                   | May cause an allergic skin reaction.  |
| H318                                   | Causes serious eye damage.  |
| H319                                   | Causes serious eye irritation.  |
| H330                                   | Fatal if inhaled.   |
| H331                                   | Toxic if inhaled.   |
| H400                                   | Very toxic to aquatic life.   |
| H410                                   | Very toxic to aquatic life with long lasting effects.   |
| Skin Corr. 1A                          | Skin corrosion/irritation, Category 1, Sub-Category 1A  |
| Skin Corr. 1B                          | Skin corrosion/irritation, Category 1, Sub-Category 1B  |
| Skin Irrit. 2                          | Skin corrosion/irritation, Category 2   |

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### Full text of H- and EUH-statements:

|              |                                |
|--------------|--------------------------------|
| Skin Sens. 1 | Skin sensitisation, Category 1 |
|--------------|--------------------------------|

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.