



## Safety Data Sheet according to Directive 91/155/EC

**Revision Date: March 2018**

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### 1) Identification of the substance/preparation and the company

**Trade Name: Brodie&Middleton Damar Crystals**

**Application: Artists' Medium.**

**Manufacturer/Supplier:**

**Brodie&Middleton Ltd**

**30-31 Store Street**

**London WC1E 7QE**

**Telephone: 020-7836 3289**

**Fax: 020-7636 8733**

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### 2) Hazards Identification

Classification according to Regulation (EC) No 1272/2008

#### Classification

Not a hazardous substance or mixture.

#### Label Elements

Not a hazardous substance or mixture.

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### 3) Composition/Information on ingredients

**Chemical Name:** Alpha and beta resene reactions of damarolic acid with terpenic essential oils.

**Other Name:** Damar Resin

**CAS No:** 9000-16-2

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### 4) First Aid Measures

Note to physician; no specific antidote; supportive care only.

If inhaled: Remove to clean atmosphere.  
In case of skin contact: Wipe clean.  
In case of eye contact: Wash with eyewash solution or water. Dust may cause irritation by mechanical abrasion.  
If swallowed: Non Toxic. Note to physician; no specific antidote; supportive care only.  
Most important symptoms and effects, both acute and delayed: N/A  
Indication of any immediate medical attention and special treatment needed: N/A

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## 5) Fire Fighting Measures

### *Extinguishing media*

Suitable extinguishing media: Any system.  
Protective equipment: No special requirements.

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

In case of fire: Formation of CO<sub>2</sub>, H<sub>2</sub>O and ash.

### *Advice for fire fighters*

N/A

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## 6 Accidental Release Measures

### *Personal Precautions, Protective Equipment and Emergency Procedures*

Personal precautions: No special requirement, consider local extraction if dust is present.

### *Environmental precautions*

Environmental precautions: Inert natural material, no known deleterious effects.

### *Methods and Materials for Containment and Cleaning Up*

Methods and materials: The preparation may be swept up or collected mechanically.  
Keep in suitable, closed containers for disposal.

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## 7) Handling and Storage

### *Precautions for Safe Handling*

Advice on safe handling: No special requirement; consider local extraction if dust is present.

Hygiene measures: General industrial hygiene practice.

### *Safe Storage*

Storage conditions: In cool, dry place, in the original packages.

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## 8) Exposure/Personal Protection

### Exposure Controls

Appropriate engineering controls: Provide ventilation if dust is present.

Control Parameters: N/A

### *Personal protective equipment*

Eye/face protection: N/A.

Skin protection: Impervious gloves if dusty.

Body Protection: N/A

Respiratory protection: Use mask if there are large amounts of dust (to EN149).

### *Environmental exposure controls*

General advice: No special environmental precautions required.

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## 9) Physical and chemical Properties

Form: Off white to grey/black variform pieces.

Odour: Slightly aromatic.

Melting Point: 70 – 125°C

Flash point: c 58°C

Flammability: Slow combustion.

Explosion hazard: Not explosive

SG @ 20° C: 1.03 – 1.06

Solubility: Nil

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## 10) Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: Temp: Melts and chars with eventual slow combustion.

Reactivity: Pressure: None

Reactivity: Shock: None

Danger of dust/air mixture explosion: Not defined

Materials to avoid: None known

Auto-degradation to unstable products: None under normal storage conditions

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### 11) Toxicological Information

Information on toxicological effects

Acute toxicity: N/A.

Skin corrosion/irritation: N/A.

Eye irritation: N/A.

Respiratory or skin sensitization: N/A.

Additional toxicological information: No known short or long term effects.

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### 12) Ecological Information

*Toxicity*

Not regarded as dangerous for the environment.

*Persistence and degradability*

Biodegradability: N/A.

*Bioaccumulative potential*

Partition coefficient: n- octanol/water: N/A.

*Mobility in soil:*

No data available

*Results of PBT and vPvB assessment*

N/A

*Other adverse effects*

Inert natural material, no known deleterious effects.

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### 13) Disposal Information

Waste Treatment Methods

In authorised dumps, in accordance with Local Authority requirements. It is not listed as hazardous waste.

Treat contaminated containers in the same way as product.

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### 14) Transport Information

Not regulated as a dangerous good.

Not classified as dangerous in the meaning of transport regulations.

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### 15) Regulatory Information

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

No compulsory identification under EC directives and national regulations. Not classified under current CHIP regulations.

Chemical Safety Assessment: No data available.

Dust from this material is classified as a nuisance dust with an OEL of 10 mg/m<sup>3</sup>.

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### 16) Other information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

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To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist