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Gum Damar Crystals

(TNL 840230)

### 1. Identification of the substance/preparation and of the company/undertaking

Product name: Gum Damar Crystals  
Stock codes: 840230  
Relevant identified uses of the substance or mixture:  
Artists' Medium.  
Company name: L Cornelissen & Son Ltd  
105 Great Russell Street  
London  
WC1B 3RY  
Tel: 020 7636 1045  
Fax: 020 7636 3655  
Website: www.cornelissen

### 2. Hazards identification

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

Classification according to Regulation (EC) No 1272/2008

Classification Not a hazardous substance or mixture.

#### 2.2. Label elements:

Not a hazardous substance or mixture

### 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  
EC No: N/A

### 4. First aid measures

#### 4.1. Description of first aid measures

Inhalation Remove to clean atmosphere.  
Ingestion Non Toxic. Note to physician; no specific antidote; supportive care only.  
Skin content Wipe clean.  
Eye contact Wash with eyewash solution or water. Dust may cause irritation by mechanical abrasion.

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

N/A

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

N/A

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Any system.

Protective equipment: No special requirements.

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

Products of decomposition/combustion include: Formation of CO<sub>2</sub>, H<sub>2</sub>O and ash.

### 5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. No specific fire fighting procedures or equipment.

## 6. Accidental release measures

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

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

### 6.2. Environmental precautions:

Inert natural material, no known deleterious effects.

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

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

## 7. Handling and storage

### 7.1. Precautions for safe handling:

No special requirement; consider local extraction if dust is present.

Hygiene measures: General industrial hygiene practice

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

Store in a cool, dry place, in the original packages.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

N/A

Appropriate engineering controls: Provide ventilation if dust is present

### 8.2 Exposure controls:

#### Personal protective equipment

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

Hand protection: Impervious gloves if dusty.

Eye protection: N/A

Body protection: N/A

#### Environmental exposure controls

General advice: No special environmental precautions required.

## 9 Physical and chemical properties

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

Physical form	Off white to grey/black variform pieces
Colour	Off white to grey/black
Odour	Slightly aromatic
SG @ 20° C:	1.03 – 1.06
Melting point (°C)	70 – 125°C
Flash point	c 58°C
Flammability	Slow combustion
Lower explosion limit:	Not explosive
Upper explosion limit:	Not explosive
Solubility	Nil

## 10. Stability and reactivity

### 10.1. Reactivity

Temp:	Melts and chars with eventual slow combustion.
Pressure:	None
Shock:	None

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Danger of dust/air mixture explosion: Not defined

### 10.4. Conditions to avoid

None known

### 10.5. Incompatible materials

None known

### 10.6. Hazardous decomposition products

None under normal storage conditions

## 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.

## 12. Ecological information

### 12.1 Toxicity

Not regarded as dangerous for the environment.

### 12.2. Persistence and degradability

N/A.

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

N/A

### 12.6. Other adverse effects

Inert natural material, no known deleterious effects.

## 13. Disposal considerations

### 13.1. 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.

## 14. Transport information

Not regulated as a dangerous good.

Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

### 15.1. 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.

### 15.2. 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>.

## 16. Other information

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

**Disclaimer: 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**

