



# L. CORNELISSEN & SON

Artists' Colourmen

*Suppliers of Materials for Painters, Gilders & Printmakers*

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

**Revision Date: August 2014**

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

**Trade Name:** Cornelissen Gum Arabic – all types in solid/powder form.

**Application:** Artists' Medium.

**Manufacturer/Supplier:**

L Cornelissen & Son Ltd  
105 Great Russell Street  
London WC1B 3RY

**Tel:** 020 7636 1045

**Fax:** 020 7636 3655

**www.cornelissen.com**

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## 2) Composition/Information on ingredients

**Chemical Name:** Sugars and hemicelluloses, arabinose, rhamnose and galactose with nuclear salts of Ca, Mg and K.

**Other Name:** Gum Acacia

**CAS No:** 9000-01-5

**EC No:** N/A

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## 3) 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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#### 4) First Aid Measures

If inhaled: Take the subject away from the area contaminated with dust. Seek medical attention if symptoms persist.

In case of skin contact: Remove clothing. Wash with excess of water.

In case of eye contact: Wash with eyewash solution or water. Seek medical attention if irritation persists.

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, 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, slippery when wet.

##### *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: Follow the procedure for individual protection

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: N/A.

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: Clear to reddish-brown lumps or white powder

Odour: None

Melting Point: N/A

Flash point: Not defined

Flammability: Low; carbonizes with small flame

Explosion hazard: Not explosive

SG @ 20° C: 1.35-1.5

Solubility: Complete with eventual gel formation

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## 10) Stability and Reactivity

Reactivity:	Stable under normal conditions and at room temperature.
Chemical stability:	Decomposes above 300°C
Possibility of hazardous reactions:	Stable under normal conditions.
Conditions to avoid:	No data available.
Incompatible materials:	N/A
Danger of dust/air mixture explosion:	Not defined.
Hazardous decomposition products:	No data available.

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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