



L. CORNELISSEN & SON

Artists' Colourmen

Suppliers of Materials for Painters, Gilders & Printmakers

Safety Data Sheet according to Directive 91/155/EC

Revision Date: March 2015

1) Identification of the substance/preparation and the company

Trade Name: Cornelissen Shellac Flakes – All types.

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

2) Composition/Information on ingredients

Chemical Name: Aliphatic, aromatic and ketone hydroxy fatty acids with lactones and lactides and some lac dye.

CAS No: 9000-59-3

EC No: N/A

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.

4) First Aid Measures

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

5) Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Any system except water jet.

Protective equipment: No special requirements.

Special hazards arising from the substance or mixture

In case of fire: Formation of CO₂, H₂O and ash.

Advice for fire fighters

N/A

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.

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 (below 15°C), dry place, in the original packages.

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.

9) Physical and chemical Properties

Form: Yellow to brown coloured flakes.

Odour: None.

Melting Point: 70 – 80°C

pH (aqueous) 3.5 - 6

Flash point: N/A

Flammability: See para. 10.

SG @ 20° C: 1.20 +/- 0.02

Solubility in water: Nil

10) Stability and Reactivity

Stability:	Stable under normal conditions.
Reactivity: Temp:	Melts, then polymerises to an infusible state at 300° and burns with blue flame.
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

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. Wax fumes at high concentrations may cause eye and respiratory tract irritation.

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.

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.

14) Transport Information

Not regulated as a dangerous good.

Not classified as dangerous in the meaning of transport regulations.

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/m³.

16) Other information

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

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