



Material Safety Data Sheet Copal

Edition: 04/04//2013

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

1.1) Product Identifier

Material	Copal, Refined and Kibbled
CAS No	9000-14-0
Company	Inoxia Ltd 45.7 Dunsfold Park Stovolds Hill Cranleigh Surrey GU6 8TB Tel: 02032 909990 safety@inoxia.co.uk www.inoxia.co.uk

2) Hazard Identification

See paragraph 15

Risk Phrase: None

Safety Phrase: None

Other: None

3) Composition/Information on ingredients

Mancopalinic, mancopalenic and mancopalolic acids and some succinic acid

4) First Aid Measures

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

Inhalation: Remove to clean atmosphere

Skin: Wipe clean

Eye: Wash with eyewash solution or water. Dust may cause irritation by mechanical abrasion

Ingestion: Non-toxic

5) Firefighting Measures

- Extinguish with any system except water-jet on powdered material
- Combustion products: CO₂, H₂O and ash
- Protective equipment: No special requirement

6) Accidental Release Measures

Normal disposal of remaining material (see paragraph 13)

7) Handling and Storage

- **Handling:** No special requirement; local extraction if dust is present
- **Storage:** Cool dry ambient
- **Ventilation:** Not required

8) Exposure Controls/Personal Protection

Exposure controls:

None

Personal protection:

Respiratory- Mask if dusty (to EN 149)

Protective clothing- Impervious gloves if dusty

9) Physical/Chemical Properties

- **Appearance:** Yellowish/brown irregular lumps and pieces
- **Odour:** Faintly aromatic
- **Melting Range:** 110-170°C
- **pH (aqueous)** –
- **Flash Point:** Not defined
- **Flammability:** Slow combustion
- **SG @ 20°C:** 1.08 – 1.08
- **Solubility in Water:** Nil

10) Stability/Reactivity

- **Stability-** Stable under normal conditions
- **Reactivity: Temp-** Melts 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

11) Toxicological Information

No known short or long-term effects.

12) Ecological Information

Inert natural material, no known deleterious effects

13) Disposal Consideration

Material and packing may be disposed of as per local and national regulations. It is not listed as hazardous waste

14) Transport Information

- Not classified as hazardous for transport
- As a nuisance dust with an OEL of 10 mg/m³

16) Other Information

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