

TITLE: KALLODOC POWDER

1. Identification of Substance and Company

Kallodoc Powder

1.1 Manufacturer: Metrodent Limited, Lowergate Works, Lowergate, Paddock, Huddersfield, HD3 4EP. Tel: 01484 461616, Fax: 01484 462700

2. Composition Information on Ingredients

2.1 Chemical name/content%/symbol/R-phrases:
Polymethyl Methacrylate Homopolymer pigmented with trace quantities of various pigments depending on shade. CAS number
EC number
EINECS number

3. Hazard Identification

3.1 To people see point 11 and 15
3.2 To the environment see point 12.1

4. First Aid Measures

4.1 General information: No special measures are required.
4.2 After inhalation: Treat as inert particulate matter, seek medical attention if inhalation of large quantities of dust causes respiratory distress. Keep data sheet available.
4.3 After contact with skin: Harmless to most people but individuals with a history of skin disease or allergy may have a reaction to prolonged exposure. Wash well with soap and water. Seek medical attention if a serious reaction is experienced.
4.4 After contact with eyes: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
4.5 After ingestion: Non-hazardous in all reasonably foreseeable circumstances.

5. Firefighting Measures

5.1 Suitable extinguishing media: Water spray jet/Foam/Dry powder/Carbon dioxide
5.2 Unsuitable extinguishing media for safety reasons: n.g.
5.3 Special protective equipment for fire-fighting: Use breathing apparatus, if necessary independent air supply.
5.4 Special dangers caused by the substance or preparation itself, results of fire/burning or ensuing gases In case of fire following by-products can develop Methyl methacrylate vapour, Oxides of carbon

6. Accidental Release Measures

See point 8 & 13
6.1 Personal precautions: Avoid build up of dust.
6.2 Environmental measures: No special measures required
6.3 Methods of cleaning / absorption: Larger quantities : Remove mechanically

7. Handling and Storage

7.1 Handling
7.1.1 Instructions on safe handling: Avoid contact with eyes. Avoid prolonged skin contact. Unlikely to represent a dust hazard under normal handling conditions.
7.2 Information on fire and explosion protection: Take precautionary measures against static discharges.
7.3 Storage
7.3.1 Requirements for storage areas and containers: Keep only in the original container at a temperature not exceeding 40°C. Keep container close after use. Natural ventilation is adequate.

8. Exposure controls/personal protection

Provide adequate ventilation, including appropriate local extraction to ensure defined exposure limit is not exceeded.
8.1 MAK - Value/ BAT Value: mg/m³
8.2 Personal protective equipment
8.2.1 General protective measures: Do not inhale dust.
8.2.2 Hygiene measures: Follow the usual good standards of occupational hygiene.
8.2.3 Respiratory Protection: A suitable dust mask should be worn.
8.2.4 Hand protection: Recommended
8.2.5 Eye protection: Recommended
8.2.6 Body protection When handling larger quantities, use face mask and usual protective working garments.

9. Physical and Chemical Properties

Form	powder
Colour	depends on shade
Odour	Odourless
Melting temperature	°C
Boiling temperature	°C
Flash point	>200°C
Ignition temperature	>500°C
Lower explosion limit	°C
Upper explosion limit	°C
Vapour pressure	not applicable
Density	700 kg/m ³ ? 10 kg/m ³
Relative vapour density	
Solubility in water	insoluble
Solubility/qualitative	
Miscible with most organic solvents.	soluble in most organic solvents
pH value	
Viscosity dynamic	

10. Stability and Reactivity

10.1 Conditions to avoid: Thermal decomposition >200°C, Protect from humidity
10.2 Hazardous reactions: Avoid contact with other chemicals. No hazardous reaction when used as directed. May polymerise with unsaturated monomers. Dust explosion class; ST 1
10.3 Hazardous decomposition products. See point 5.4

11. Toxicological Information

11.1 Acute oral toxicity	
LD50 rat	>5000 mg/kg
11.1.1 Acute inhalation toxicity	
LC50 rat	n.g.
11.1.2 Acute dermal toxicity	
LD50, rabbit dermal	n.g.
11.1.3 Skin irritation	Non irritant
11.1.4 Irritant effect on the eyes	Non-irritating
11.2 Chronic toxicity	
11.2.1 Sensitisation	No
11.2.2 Carcinogenicity	n.g.
11.2.3 Mutagenicity	n.g.
11.2.4 Reproductive Toxicity	n.g.
11.2.5 Narcosis	n.g.
11.3 Further Information	n.g.

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12. Ecological Information

12.1	Biodegradability	n.v.
12.2	Behaviour in sewage plants	n.v.
12.3	Aquatic toxicity	n.v.
12.4	Water hazard class	0
12.5	Self classification ACC To VCI	
	Yes, Classification in accordance with the UK water resources act.	

13. Recommendations Regarding Disposal

13.1 For the material/preparation/residue
Material is considered to be non-hazardous
Pay attention to local and national official regulation

14. Transportation Information

Not classified as dangerous for transport.

15. Regulatory Information

Labelling in accordance with GefStoffV/EC
Hazard symbols / R-phrases / S-phrases

The material is not subject to classification according to EC lists and other sources of literature known to us. Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

16. Other Information

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.