

# SAFETY DATA SHEET

## according to EC- directive 91/155/EC



Product Trade Name: PLASTER COATING SOLUTION (PCS)

Date 01/11/22

Issue 4

Replaces Issue of June 2015

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

Information on the manufacturer:

Metrodent Limited, Lowergate Works, Lowergate, Paddock  
Huddersfield HD3 4EP

Telephone No. +44(0) 1484 461616

### 2. Composition/Information on ingredients

Commercial Product Name: Plaster Coating Solution  
Use: Release Agent for Dental Plaster

#### Chemical Characterisation:

Preparation based on water and Sodium Alginate. The product contains the following hazardous components:

Ingredient	CAS No.	EC No.	Con by Wgt.	Class.
Water			≥97%	None
Sodium Alginate	9005-38-3		≤3%	None
Red Dye			≤0.01%	None
Bactericide	55965-84-9	247-500-7	≤0.04%	R34, 43, 50/53, 23/24/25
Bronopol	52-51-7	200-143-0	≤0.1%	R21, 22, 37/38, 41, 50

### 3. Hazards Identification

The material spilled on any surface will become extremely slippery.

### 4. First Aid Measures

Skin: Remove contaminated clothing. Wash the affected area with plenty of soap and water.

Eyes: Flush with water. If irritation develops, seek medical advice.

Inhalation: If large quantities have been inhaled. Keep air open as necessary, and seek medical advice.

Ingestion: Do not induce vomiting, seek medical advice.

### 5. Fire-Fighting Measures

Fire Fighting Measures: Product will burn when dry when in contact with a flame, self-extinguishes when ignition source is removed, but tends to smoulder.

Extinguishing Media Suitable: Use water-spray and foam extinguishing agent or multi-purpose dry powder extinguishers.

Special Exposure Hazards: All contaminated areas will be extremely slippery.

### 6. Accidental release measures

Warning all areas will be extremely slippery. Mechanically collect and place in labelled container.

Clean all contaminated areas with water and detergents. After contact with the skin immediately wash with plenty of soap and water. Section 8.

### 7. Handling and Storage

Handling: This product should be handled in a well-ventilated area.

Storage: Temperature not more than 45°C.

Specific Uses: Plaster release agent.

### 8. Exposure controls/personal protection

Respiratory Protection: Suitable respiratory equipment maybe worn.

Hand Protection: Rubber Gloves

Eye Protection: Goggles or full face shield.

Industrial Hygiene: Barrier creams should be used routinely by all personnel.

### 9. Physical and chemical properties

Form:	Liquid
Colour:	Red
Odour:	Odourless or faint fishy smell
Density:	(20°C) 1.015 g/cm <sup>3</sup>
Vapour Pressure:	(20°C) mbar
Solubility in Water:	Soluble
Flash Point:	°C
Ignition Temperature:	°C
Explosion Limits:	Lower: % Upper: %

### 10. Stability and reactivity

Thermal Decomposition: Does not decompose up to 45°C

Hazardous Decomposition Products: This product does not undergo decomposition. The thermal decomposition may include carbon dioxide and carbon monoxide.

Hazardous Reactions: None

### 11. Toxicological Information

Under normal industrial use there are no known detrimental effects hazardous to health. Section 4.

### 12. Ecological information

Do not allow to enter soil, waterways or wastewater.

### 13. Disposal considerations

Dispose in accordance with local regulations

### 14. Transport information

Not classified as dangerous for transport

### 15. Regulatory information

Risk Phrases: None

Safety Phrases: None

Hazard Symbols: None

Warning Label: None

### 16. Other information

This Material Safety Data Sheet has been compiled according to the principles outlined in the EC Directive 2001/58/EC as amended. The information contained does not constitute the users own assessment of the workplace risks as required by Health and Safety legislation. No claim is made for the completeness and all applicable laws and regulations have to be considered. This product is only intended for industrial use.

The information in this document contains important information to ensure safe handling, storage and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.