

## SELF-CURE.DENTINE - POWDER

### 1. Identification:

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Commercial Product Name: SELF-CURE.DENTINE POWDER

### 2. Composition:

Chemical Characterization:

Methylmethacrylate Polymers CAS Reg.No.9011-14-7

Benzoil Peroxide CAS Reg.No.94-36-0

Form: Micropearls

### 3. Hazards identification:

Main Hazard: The product generates dusts. If dusts occur, follow what specified in Section 8.

### 4. First-Aid Measures:

Eyes: Flush with water, consult a doctor if any irritation occurs.

Skin: Wash in running water with mild soap.

Inhalation: Remove to fresh air.

Ingestion: Wash mouth with water. Consult a doctor.

### 5. Fire Fighting Measures:

Flash Point: 304°C

Ignition Temperature: 465°C

Extinguishing Media: Water, Foam, Chemical dusts.

Not to be used: --

Special Exposure Hazards: During combustion Methacrylate monomer and Carbon monoxide vapours may arise.

### 6. Accidental release Measures:

Collect released material in containers for disposal. Clean up floor to avoid slippings.

### 7. Handling and Storage:

Handling: Avoid dusts accumulation.

Storage: Store in original container in a cool dry place. Keep away from sunlight.

### 8. Exposure Controls and Personal Protection:

Personal Protective Equipment: None

Respiratory Protection: None

Hand Protection: Use appropriate gloves if hot material is handled.

Eye Protection: None.

Industrial Hygiene: None.

### 9. Physical and Chemical Properties:

Appearance: Powder

Odour: none.

pH Value: N A

Solubility in Water: Insoluble.

Viscosity: N A

Density: 1,1 g/cm<sup>3</sup>

Flash Point: 304°C

Ignition Temperature: 465°C

### 10. Stability and Reactivity:

Thermal Decomposition: The polymer starts decomposing at 250°C.

Hazardous Decomposition Products: Methacrylate monomer vapours.

Hazardous Reactions: None known.

### 11. Toxicological Information:

The material is considered as biologically inactive.

The product does not present any toxicological hazard.

### 12. Ecological Information:

Solubility in Water: Insoluble.

Biodegradability: Not biodegradable.

Environmental Hazard: No environmental hazard known.

### 13. Disposal Considerations:

The polymerized material can be disposed as a common waste in compliance with local regulations.

### 14. Transport Considerations:

Product does not fall under the transportation classification for dangerous substances.

### 15. Regulatory Information:

No regulatory information known.

### 16. Additional Informations:

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied.

These informations are compiled according to EC Directives 91/155/EEC, 93/112/EEC.

The information contained does not constitute the users own assessment of workplace risks as required by other Health and Safety legislation. No claim is made for completeness and all applicable laws and regulations have to be considered.

