

# DENTSPLY CLAY

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 13-Oct-2009  
C9317TC

CHEMWATCH 4620-14  
Version No:4  
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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

DENTSPLY CLAY

### PRODUCT USE

Dental restoration.

### SUPPLIER

Company: DENTSPLY (AUSTRALIA) PTY LTD

Address:

11- 21 Gilby Road

Mount Waverley

VIC 3149

AUSTRALIA

Telephone: 1300 55 29 29

Emergency Tel: 1300 55 29 29 (Hours of operation:

Monday - Friday 9:00 am - 5:00 pm EST; General

information only)

Fax: +61 3 9538 8260

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## Section 2 - HAZARDS IDENTIFICATION

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### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

None

### RISK

None under normal operating conditions.

### SAFETY

None under normal operating conditions.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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NAME	CAS RN	%
non hazardous ingredients [manufacturer]		100

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

■ - Immediately give a glass of water.

- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### EYE

■ If this product comes in contact with eyes:

- Wash out immediately with water.

- If irritation continues, seek medical attention.

### SKIN

■ If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).

- Seek medical attention in event of irritation.

### INHALED

■ - If fumes or combustion products are inhaled remove from contaminated area.

- Other measures are usually unnecessary.

### NOTES TO PHYSICIAN

■ Treat symptomatically.

continued...

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## Section 5 - FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

- - There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

### FIRE FIGHTING

- - Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.

### FIRE/EXPLOSION HAZARD

- - Non combustible.
  - Not considered a significant fire risk, however containers may burn.
- Combustion products include: sulfur oxides (SOx).

### FIRE INCOMPATIBILITY

- None known.

### HAZCHEM: None

### PERSONAL PROTECTION

Glasses:  
Chemical goggles.  
Gloves:  
When handling larger quantities:  
General purpose rubber glove.  
Respirator:  
Particulate

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### MINOR SPILLS

- - Clean up all spills immediately.
- Avoid contact with skin and eyes.

### MAJOR SPILLS

- - Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- - Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.

### SUITABLE CONTAINER

- - Packaging as recommended by manufacturer.

### STORAGE INCOMPATIBILITY

- None known.

### STORAGE REQUIREMENTS

- - Store in original containers.
- Keep containers securely sealed.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE CONTROLS

### PERSONAL PROTECTION

RESPIRATOR  
Particulate

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE

- - Safety glasses with side shields
- Chemical goggles.

### HANDS/FEET

- Wear general protective gloves, eg. light weight rubber gloves.

### OTHER

- No special equipment needed when handling small quantities.

#### OTHERWISE:

- Overalls.
- Barrier cream.

### ENGINEERING CONTROLS

- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Grey/green, odourless solid; does not mix with water.

### PHYSICAL PROPERTIES

Solid.  
Does not mix with water.  
Sinks in water.

Molecular Weight: Not  
Applicable

Specific Gravity (water=1): 1.2

pH (1% solution): Not  
Applicable

Evaporation Rate: Not  
Applicable

Lower Explosive Limit (%): Not  
Applicable

Decomposition Temp (°C): Not  
Available

Boiling Range (°C): Not Available

Solubility in water (g/L):  
Immiscible

Vapour Pressure (kPa): Not  
Applicable

Relative Vapour Density (air=1):  
Not Applicable

Upper Explosive Limit (%): Not  
Applicable

State: Solid

Melting Range (°C): Not  
Available

pH (as supplied): Not  
Applicable

Volatile Component (%vol): Not  
Applicable

Flash Point (°C): Not  
Applicable

Autoignition Temp (°C): Not  
Applicable

Viscosity: Not Available

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Product is considered stable and hazardous polymerisation will not occur.
- For incompatible materials - refer to Section 7 - Handling and Storage.*

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

- Not applicable.

#### CHRONIC HEALTH EFFECTS

- Not applicable.

### TOXICITY AND IRRITATION

- Not available. Refer to individual constituents.

## Section 12 - ECOLOGICAL INFORMATION

No data

### Ecotoxicity

Ingredient

Dentsply Clay

Persistence:  
Water/Soil

Persistence:  
Air  
No data

Bioaccumulat  
ion

Mobility

continued...

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## Section 13 - DISPOSAL CONSIDERATIONS

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- - Recycle wherever possible.
- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

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## Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM: None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

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## Section 15 - REGULATORY INFORMATION

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POISONS SCHEDULE: None

### REGULATIONS

No data for Dentsply Clay (CW: 4620-14)

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## Section 16 - OTHER INFORMATION

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■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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*This is the end of the MSDS.*