

# DENTSPLY AUSTENAL PATTERNS

Chemwatch Independent Material Safety Data Sheet

Issue Date: 28-Oct-2009

C93177C

CHEMWATCH 4620-39

Version No:4

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

DENTSPLY AUSTENAL PATTERNS

### PRODUCT USE

Dental impression material.

### 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		100

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- - If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

### EYE

- If this product comes in contact with eyes:
- Wash out immediately with water.
- If irritation continues, seek medical attention.

### SKIN

- If skin contact occurs:
- Remove all contaminated clothing, including footwear
- Remove adhering sticky material using a waterless hand cleaner.

### 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

- - Foam.
- Dry chemical powder.

### FIRE FIGHTING

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

### FIRE/EXPLOSION HAZARD

- - Non combustible.
  - Not considered a significant fire risk, however containers may burn.
- Combustion products include: carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), other pyrolysis products typical of burning organic material.

### FIRE INCOMPATIBILITY

- - Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

HAZCHEM: None

### PERSONAL PROTECTION

Glasses:

Not normally required.

Gloves:

When handling larger quantities:

General purpose rubber glove.

Respirator:

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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

- Minor hazard.
- Clear area of personnel.
- 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

- No restriction on the type of containers. Packing as recommended by manufacturer.

### STORAGE INCOMPATIBILITY

- Avoid contamination of water, foodstuffs, feed or seed.
- Avoid reaction with oxidising agents.

### STORAGE REQUIREMENTS

- - Store below 38 deg. C.
- 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

continued...

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

## EYE

- No special equipment for minor exposure i.e. when handling small quantities.

## HANDS/FEET

- No special equipment needed when handling small quantities.
- OTHERWISE: Wear general protective gloves, eg.

## OTHER

- No special equipment needed when handling small quantities.
- OTHERWISE:
- Overalls.
  - Barrier cream.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

## ENGINEERING CONTROLS

- General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Brown, tacky, flexible solid with no odour; does not mix with water.

### PHYSICAL PROPERTIES

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 Applicable

Boiling Range (°C): Not Applicable

Solubility in water (g/L): Immiscible

Vapour Pressure (kPa): Not Available

Relative Vapour Density (air=1): Not Applicable

Upper Explosive Limit (%): Not Applicable

State: Manufactured

Melting Range (°C): 141

pH (as supplied): Not Applicable

Volatile Component (%vol): Not Available

Flash Point (°C): Not Applicable

Autoignition Temp (°C): Not Applicable

Viscosity: Not Available

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

- - Presence of incompatible materials.
- Product is considered stable.  
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 Austenal Patterns

Persistence:  
Water/Soil

Persistence:  
Air  
No data

Bioaccumulation

Mobility

continued...

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Section 12 - ECOLOGICAL INFORMATION

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## Section 13 - DISPOSAL CONSIDERATIONS

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- - Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.

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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 Austenal Patterns (CW: 4620-39)

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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.*