

Material Safety Data Sheet

according to NOHSC:2011(2003)



Product name : Ivoclar Vivadent Vivaglass CEM PL Powder
Statement of Hazardous Nature : This product is classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.
Revision : 21.07.2009 **Version :** 1.0.0
Print date : 21.07.2009

01. Identification of substance, preparation and company

Product name : Ivoclar Vivadent Vivaglass CEM PL Powder
Use of the substance / preparation : Glass ionomer cement

Manufacturer/Supplier : Ivoclar Vivadent AG
Street/P.O.Box : Benderstrasse 2 FL-9494
Country code/Postal code/Town/City : D-Schaan Fürstentum Liechtenstein
Telephone : +423/235 35 35
Telefax : +432/235 33 60
Distributor : Ivoclar Vivadent P/L (Australia), 1-5 Overseas Drive, Noble Park North, Victoria 3174
Phone No.: +61-3 9795 9599, Tele fax No.: +61-3 9795 9645

Emergency information : Poisons Information Centre: Dial 13 11 26
24 hours a day, 7 days a week Australia wide

02. Hazards identification

Statement of Hazardous Nature

This product is not classified as: Hazardous according to criteria of National Occupational Health and Safety Commission.
Non-Dangerous Goods according to ADG. Uncured material: Direct contact can cause eye and skin irritation. The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.

Hazard designation

Classification : Not classified
ADG Classification: not classified
UN Number: not classified

Particular information pertaining specific risk for human and environment

None, if handled according to order. May cause sensitisation by skin contact with skin. Irritating to eyes, skin and mucus membranes.

03. Composition/information on ingredients

Chemical characterization Mixture of polyacrylic acid, inorganic fillers and pigments

Hazardous components

. CAS No. 9003-01-4 < 30 % Polyacrylic acid Xi: Irritant. R36/37/38: Irritating to eyes, respiratory system and skin.

Other ingredients determined not be hazardous

Irritating to eyes, respiratory system and skin. Liquid and uncured material may cause slight, reversible irritation. May cause sensitization by skin contact.

04. First-aid measures

General

Immediately remove all contaminated clothing.

After inhalation

Let in fresh air. Call a doctor, should the air passages be affected.

After skin contact

Flush with plenty of water. Wash thoroughly with soap and water

After eye contact

Flush with plenty of water (10 - 15 min.). Contact a doctor immediately.

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After ingestion

Drink plenty of water. Do not induce vomiting. Contact a doctor immediately. No hazards anticipated from swallowing small amounts incidentally

05. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide. Extinguishing powder. Water fog, foam, dry chemicals. Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.

Unsuitable extinguishing media

None

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

None known.

Special protective equipment

When extinguishing fires, use breathing apparatus with an independent source of air.

06. Accidental release measures

Personal precautions

Wear suitable protective clothing, gloves and eye/face protection.

Environmental precautions

Prevent from flowing into surface water/ground water.

Methods for cleaning up/collecting

Take up with a mechanical source and proceed according to the waste disposal regulations.

Additional information

Remove according to regulations. Cool containers in the vicinity of the blaze using a water spray. Clean up with absorbent material. Prevent skin and eye contact. Clean area with large amounts of water.

07. Handling and storage

Information for safe handling

Containers to be opened and handled with care. Make sure that ventilation is adequate. Only adequately trained personnel should handle this product. Keep out of reach of children. When using, do not eat, drink or smoke.

Information about protection against explosions and fires

No anti-explosion measures necessary.

Requirements to be met by storerooms and containers

Keep only in the original container. Store at 2-28 °C / 36-82 °F Do not store in open sunshine. Keep away from heat source. Avoid exposure to light.

Information about separation of incompatible products

Store the foodstuffs separately.

08. Exposure controls and personal protection

Additional information about engineering measures

No particular measures required. Technical measures Provide adequate local ventilation. Control airborne concentration below the exposure guideline.

Components with critical values that require monitoring at the workplace (exposure limits)

Dust and Vapours

Specification : TWA (AUS)
Value : MAK 0 mg/m³

Personal protective equipment

Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuff.. Avoid contact with skin and

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eyes. Respiratory protection

Respiratory protection

Provide for good ventilation.

Hand protection

Short-term exposure (< 30 min): disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).
Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161).

Eye protection

Use tightly fitting safety glasses (Australian Standard AS 1336 and AS/NZS 1337).

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : powder
Colour : off white to cream
Odour : practically odourless

Relevant safety data

Melting point / range :	(1013 hPa)	ca.	not applicable	°C	
Casting point / range :	(1013 hPa)		not applicable	°C	
Flash point :			> 150 °C	°C	DIN 51755
Ignition temperature :			not applicable	°C	
Lower explosion limit :			not applicable	% b.v.	
Upper explosion limit :			not applicable	% b.v.	
Density :	(20 °C)		not determined	g/cm ³	
Solubility in water :	(20 °C)		partially miscible	% b.w.	
pH value :				<2	

10. Stability and reactivity

Conditions to avoid

None, if handled according to order.

Materials to avoid

None known.

Hazardous decomposition products

None if used in accordance with instructions.

11. Toxicological information

Toxicological tests

Direct contact may cause eye irritation. Skin: repeated or prolonged exposure may cause slight irritations. May cause sensitization by skin contact. Oral LD50 for rats: > 5'000 mg/kg

Primary irritant effect

Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals

Sensitization

No data available.

Experience on practice

