

MATERIAL SAFETY DATA SHEET



PIT AND FISSURE SEALANTS

SECTION 1 — MATERIAL IDENTIFICATION	SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS
Manufacturer's Name: Southern Dental Industries Ltd Address: 5-9 Brunsdon Street, Bayswater Victoria 3153, AUSTRALIA Telephone Number: (61) 3 9729 9088 Date of Preparation: 11 th of March, 1999 Product Names: CONSEAL - CLEAR, CONSEAL - LIGHT GREY and CONSEAL F (WHITE) Use: Pit and Fissure Sealant/Dentistry	CONSEAL - CLEAR: Boiling Point: May gel or ignite before boiling Specific Gravity (H ₂ O = 1): 1.1 Water Solubility: Insoluble Appearance: Clear yellow liquid Odour: Esterlike CONSEAL - LIGHT GREY: Boiling Point: May gel before boiling Specific Gravity (H ₂ O = 1): 1.2 Water Solubility: Insoluble Appearance: Tooth coloured semi-translucent viscous liquid Odour: Esterlike CONSEAL F (WHITE): Boiling Point: May gel before boiling Specific Gravity (H ₂ O = 1): 1.2 Water Solubility: Insoluble Appearance: White liquid Odour: Esterlike

SECTION II — INGREDIENTS/IDENTITY INFORMATION
CONSEAL - CLEAR: Acrylic MonomerCAS No.: —
CONSEAL - LIGHT GREY: Acrylic MonomerPyrogenic silicaIron oxide pigmentCAS No.: —[7631-86-9]
CONSEAL F (WHITE): Acrylic MonomerSodium FluoridePyrogenic silicaTitanium dioxideCAS No.: —[7681-49-4][7631-86-9][13463-67-7]

Extinguishing Media: Choose to suit surrounding fire
Special Fire Fighting Procedures: Wear approved respirator and protective gear. Use water spray to cool containers.
Unusual Fire and Explosion Hazards: Heat may cause evolution of corrosive fumes.

SECTION V — REACTIVITY DATA
Stability: Stable under normal conditions. Conditions to Avoid: Avoid excessive heat. Materials to Avoid: Metals and strong bases. Hazardous Decomposition Products: None under normal conditions. Corrosive fumes when heated. Hazardous Reactivity (or Polymerization): Spontaneous polymerization will not occur.

SECTION VI HEALTH HAZARD DATA

Eye (contact): Strong irritant. May cause destruction of tissue.
Skin (contact): Irritant. May cause destruction of skin tissue or primary irritant dermatitis.
Inhalation (breathing): Inhalation of vapours may cause varying degrees of damage to affected tissue, may increase susceptibility to respiratory illness.
Ingestion (swallowing): Corrosive. May cause burns to mouth and throat.

SECTION VII — EMERGENCY AND FIRST AID PROCEDURES
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Eye: Flush with running water for 15 minutes including under eye lids. Seek medical attention urgently.
Skin: Remove contaminated clothing. Wash skin with soap and

SECTION I — MATERIAL IDENTIFICATION

Manufacturer's Name: Southern Dental Industries Ltd
Address: 5-9 Brunsdon Street, Bayswater
Victoria 3153, AUSTRALIA
Telephone Number: (03) 9729 9088
Date of Preparation: June 23, 1995
Product Name: Super-Etch Gel
Use: Composite Restoration Procedure/Dentistry

SECTION II — INGREDIENTS/IDENTITY INFORMATION
Components: CAS No. Phosphoric Acid [7664-38-2] Water [7732-18-5] Inorganic Thickener [7631-86-9]

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable
Vapour Pressure: Not Applicable
Specific Gravity (H₂O = 1): 1.3
Water Solubility: Soluble
Appearance: Clear blue gel
Odour: Acid

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Combustible
Flammable (or explosion) limits in air: Not Flammable

SECTION IV — FIRE AND EXPLOSION

HAZARD DATA

Flash Point: Not Established

Flammable (or explosion) limits in air: Not Established

Extinguishing Media: Dry powder, vaporizing liquid or foam extinguisher.

Special Fire Fighting Procedures: Wear approved respirator and protective gear. Use water spray to cool containers.

Unusual Fire and Explosion Hazards: Heat may cause polymerization with rapid release of energy which may melt the plastic containers.

SECTION V — REACTIVITY DATA

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid heat, ignition sources (sparks, naked flames), aging, contamination and intense visible light.

Materials to Avoid: Free radical formers eg. peroxides, reducing substances and/or heavy metal ions.

Hazardous Decomposition Products: None under normal conditions; oxides of carbon when burned.

Hazardous Reactivity (or Polymerization): Heat and intense light can cause polymerization. Spontaneous polymerization may occur in the presence of radical formers. May polymerize with heat evolution.

SECTION VI — HEALTH HAZARD DATA

Eye (contact): Possible irritant.

Skin (contact): Possible irritant.

Inhalation (breathing): Possible irritant to respiratory tract.

Ingestion (swallowing): Slightly toxic. May cause gastric irritation.

Undesired Effects: In isolated cases contact allergies have been reported with resins.

SECTION VII — EMERGENCY AND FIRST AID PROCEDURES

Eye: Flush with running water for 15 minutes including under eyelids. Seek medical attention.

Skin: Wash skin with soap and copious amounts of water. In case of allergic reaction seek medical attention.

Inhalation: Remove to fresh air. If breathing is laboured, restore or support breathing as needed and seek medical attention.

Ingestion: For large amount, induce vomiting and seek medical attention.

SECTION VIII — PERSONAL PROTECTION INFORMATION

Inhalation: Remove to fresh air. If breathing is laboured, restore or support breathing as needed and seek medical attention.

Ingestion: Do not induce vomiting, give glass of water and seek medical attention.

SECTION VIII — PERSONAL PROTECTION INFORMATION

Respiratory Protection: Work in a well ventilated area.

Protective Gloves: Rubber or PVC gloves.

Eye Protection: Safety glasses, goggles or faceshield.

Personnel monitoring: Follow good housekeeping practices and good industrial hygiene in handling this material.

SECTION IX — SPILL, LEAK AND DISPOSAL PROCEDURES

Spills: Scoop up bulk material, neutralize area with sodium bicarbonate, spread sand or diatomaceous earth and transfer to containers for disposal.

Water Disposal Methods: Do not allow to drain to sewer. Dispose in accordance with local official regulations.

SECTION X — HANDLING AND STORAGE

Storage Conditions: Cool dry conditions. Replace caps immediately after use.

The information provided herein is given in good faith, but no warranty expressed or implied is made.

Respiratory Protection: Work in a well ventilated area.

Protective Gloves: Rubber or PVC gloves.

Eye Protection: Safety glasses, goggles or faceshield.

Personnel monitoring: Follow good housekeeping practices and good industrial hygiene in handling this material. Remove any naked lights or strong heat sources.

SECTION IX — SPILL, LEAK AND DISPOSAL PROCEDURES

Spills: Dike and absorb with inert material (sawdust, sand, diatomaceous earth) and transfer to containers for disposal.

Waste Disposal Methods: Do not allow to drain to sewer. Dispose in accordance with local official regulations.

SECTION X — HANDLING AND STORAGE

Store in a cool dry place at temperatures between 10°-25°C (50°-77°F) . Keep out of direct light.

Replace cap immediately after use.

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MATERIAL SAFETY DATA SHEET



SUPER-ETCH GEL