

MATERIAL SAFETY DATA SHEET



STAE

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: February, 1997
Product Name: STAE
Use: Dentin and Enamel Adhesive/Dentistry

SECTION II — INGREDIENTS/IDENTITY INFORMATION

Components	CAS No.
Acetone	[67-64-1]
Water	[7732-18-5]
Acrylic Monomer	—

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: May gel or ignite before boiling
Water Solubility: Miscible
Appearance: Clear yellow low viscosity liquid
Odour: Esterlike

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point: -20°C
Flammable (or explosion) limits in air: 3 - 13%
Extinguishing Media: Dry powder, vaporizing liquid, foam extinguisher or water delivered as a fine spray, if available.
Special Fire Fighting Procedures: Wear approved respirator and protective gear. Use water spray to cool containers.
Unusual Fire and Explosion Hazards: Liquid and vapour are highly flammable. Vapour forms explosive mixture in air. Solutions in water are flammable. Keep away from heat, sparks or naked flames. Flashback along vapour trail may occur.

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. Reacts violently with bromoform and chloroform in the presence of alkalis or in contact with alkaline surfaces. Decomposes violently in contact with nitric/sulfuric acid mixtures.
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. May ignite in the presence of sparks or naked flames.



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SECTION VI — HEALTH HAZARD DATA

Eye (contact): Possible irritant. High concentrations of vapour may cause irritation.

Skin(contact): Possible irritant.

Inhalation (breathing): Vapour may irritate the mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea.

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

Chronic Effects: Repeated or prolonged skin contact can cause chronic dermatitis.

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: Rinse mouth thoroughly and immediately with water. Give water to drink. Do not induce vomiting. 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.

Personal 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

Keep out of direct heat and sunlight. Do not store at temperature above 25°C (77°F).
Replace cap immediately after use.

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

