



1. Substance / Preparation and Company name

Product Name: Shade Modification Kit

Recommended use: For the masking of tooth colour defects.

Manufacturer / Supplier

SDI Limited
5-9 Brunsdon Street, Bayswater
Victoria, 3153, Australia

SDI Inc.
729 N.Route 83, Suite 315
Bensenville 60106 IL, USA

Telephone:

+61 3 8727 7111 (Business hours)

Telephone:

630 238 8300 (Business hours)

Southern Dental Industries Ltd
Block 8, St Johns Court
Swords Road
Santry, Dublin 9, Ireland

SDI Brasil Indústria e Comércio Ltda
Rua Dr. Virgílio de Carvalho Pinto, 612
Pinheiros, São Paulo, 05415-020
Brasil

Telephone:

+353 1 886 9577 (Business Hours)

Telephone:

+55 11 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on ingredients

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>
Acrylic monomer	-	65.0
Balance ingredient (non-hazardous)		35.0

3. Hazard Identification

Product is a possible irritant to skin, eyes and mucous membranes.

Risk phrases - **36/38:** Possible irritant to eyes, and skin.

Safety phrases - **24/25** Avoid contact with skin and eyes.

26/28: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with soap and water.

3/15/16: Keep in a cool place, away from heat and sources of ignition.

2: Keep out of reach of children.



4. First Aid Measures

- Eye (contact): Flush opened eye with running water for at least 5 minutes. Seek medical attention.
- Skin (contact): Remove contaminated clothing. Wash skin with soap and water. In case of allergic reaction, seek medical attention.
- Ingestion: Seek medical attention.
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5. Fire Fighting Measures

- Suitable extinguishing media: Dry powder, vapourizing liquid or foam extinguisher.
- Unusual Fire and Explosion Hazards: Heat can cause polymerization with rapid release of energy which may melt the container.
- Special protective equipment: No special measures required for small quantity. For large quantity, wear approved respirator and protective gear. Use water spray to cool container.
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6. Accidental Release Measures

- Personal precautions: Not required.
- Environmental precautions: Prevent any spillage from entering waterways, drains or sewage system.
- Methods for cleaning up: Mop up spillages with absorbent towel or paper. Clean residue with paper towel soaked in acetone or alcohol.
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7. Handling and storage

Handling

Replace caps immediately after use.

Storage

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

8. Exposure controls and personal protection

- Respiratory protection: None required under normal conditions of use.
- Hand protection: Rubber, latex or PVC gloves.
- Eye protection: Safety glasses, goggles or face shield.
- General safety and hygiene measures: Follow good housekeeping practices and good industrial hygiene in handling this material. Remove any naked lights or strong heat sources.
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9. Physical and chemical properties

Appearance:	Coloured semi-translucent / opaque viscous liquid.
Odour:	Ester like.
Boiling point:	Gel before boiling.
Melting point:	Not established.
Specific gravity:	1.1 - 1.2
Flash point:	Not established.
Flammable:	Not established.
Autoflammability:	Do not self ignite at ambient temperature.
Explosive properties:	Do not present an explosion hazard.
Oxidizing properties:	Not established.
Vapour pressure (@ 20°C):	Not established.
Relative density:	Not established.
Solubility:	Insoluble in water.

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Avoid heat, ignition sources, aging, contamination and intense visible light.
Materials to avoid:	Free radical formers, e.g. peroxides, reducing substances and / or heavy metals 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 (polymerization):	Heat and intense light can cause polymerization. Spontaneous polymerization may occur in the presence of radical formers. May polymerize under these conditions with heat evolution. May ignite in the presence of sparks or naked flame.



11. Toxicological information

Acute:

Eye (contact): Possible irritant,
Skin (contact): Possible irritant,
Inhalation: No effects expected.
Ingestion: Slightly toxic. May cause gastric irritation.
Undesired effects: In isolated cases, contact allergies have been reported with composites.

Chronic: None expected.

12. Ecological information

Self assessment: Slightly hazardous for water. Do not allow large quantities to reach sewage system and waterways.

13. Disposal considerations

Dispose of in accordance with local official regulations.

14. Transport information

This product is not considered to be a dangerous good within the meaning of transportation regulations.

15. Regulatory information

These products are regulated by

TGA
Medical Devices Directive 93/42/EEC
FDA
National regulations

16. Other information

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

Prepared by: SDI Limited
3-13 Brunsdon Street, Bayswater
Victoria, 3153, Australia

Phone Number:
+61 3 8727 7111

Department issuing MSDS: Research and Development
Contact: Operations Director
