

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

076341564

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

070351809 070351817 070351825 070351833 070356261 070826834 070826842 070826867 070826875 070826883  
070826891 070826933 070826941 070826958 070826966 070869073 076203004 076203012 076203020 076203038  
076203046 076203053 076203061 076203079 076203087 076203095 076203103 076203111 076203129 076203137  
076203145 076203152 076203160 076203178 076203244 076203251 076203269 076203277 076203285 076203293  
076203301 076203319 076203327 076203335 076203343 076203350 076203368 076203376 076203384 076203392  
076203400 076203418 076207997 076208003 076208011 076208029 076208037 076208045 076208052 076208060  
076208169 076208177 076208185 076208193 076208201 076319503 076319545 076319552 076319560 076319578  
076319586 076319594 076319602 076319610 076319628 076319636 076319644 076319651 076319669 076319677  
076319719 076319727 076319735 076319743 076319750 076319768 076319776 076319784 076319792 076319842  
076319859 076320105 076320154 076320162 076320196 076320212 076320220 076320238 076320246 076341002  
076341010 076341028 076341036 076341044 076341051 076341069 076341077 076341085 076341093 076341101  
076341119 076341127 076341135 076341143 076341150 076341168 076341176 076341184 076341192 076341200  
076341218 076341226 076341390 076341408 076341416 076341424 076341432 076341440 076341457 076341473  
076341507 076341531 076341549 076341556 076341572 076341580 076341598 076341614 076341648 076341671  
076372502 076372510 076372528 076372536 076372650 076372668 076372676 076372684 076372692 076372718  
076372726 076372734 076372742 076372767 076372775 076372932 076372940 076372957 076373401 076373468  
076373476 076373484 076373492 076373500 076373518 076373526 076373534 076373559 076373567  
076373575 076373583 076373617 076373625 076373633 076373641 076373658 076373666 076373682



### 1. Substance / Preparation and Company name

Product Name: Glacier; Wave; Wave MV; Wave HV; ROK, ICE and LC Opaquer

Recommended use: For filling of cavitated teeth by dental professionals.

#### **Manufacturer / Supplier**

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

#### **Telephone:**

+61 3 8727 7111 (Business hours)

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

#### **Telephone:**

+353 1 886 9577 (Business Hours)

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

#### **Telephone:**

630 238 8300 (Business hours)

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

#### **Telephone:**

+55 11 3092 7100 (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	-	18.0 – 40.0
Balance ingredient (non-hazardous)		60.0 – 82.0

### 3. Hazard Identification

Products may cause irritation to the skin, eye and mucous membrane. Ingestion of unpolymerised material may cause gastric irritation. In isolated cases, contact allergies have been reported with acrylic resins. Anyone with known history of resin allergies are advised to seek the advice of a specialist before use.

Risk phrases - **36/37/38:** Irritating to eyes, respiratory system and skin.

Safety phrases - **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.
Inhalation:	None expected.

---

#### 5. Fire Fighting Measures

Suitable extinguishing media:	Sand, chemical foam, carbon dioxide, dry chemicals.
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 (less than 1 kg). For large quantity, wear approved respirator and protective gear. Use water spray to cool container.

---

#### 6. Accidental Release Measures

Personal precautions:	Not required.
Environmental precautions:	Prevent any spillage from entering waterways, drains or sewage system.
Methods for cleaning up:	Scoop up bulk material and transfer to containers for disposal.

---

#### 7. Handling and storage

##### Handling

Replace caps immediately after use.

##### Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 10° - 25°C (50° - 77°F) and should be kept away from direct sunlight.

##### Distribution

During distribution, to our customers, this product can be transported in non-refrigerated conditions between 15° to 25° C. This product can also withstand temperatures up to 40° C for short periods (2 to 3 days) and intermittent peaks up to 50°C.



---

## 8. Exposure controls and personal protection

Respiratory protection:	None required under normal conditions of use
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Not absolutely necessary
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.

---

## 9. Physical and chemical properties

Appearance:	Tooth coloured viscous / flowable paste.
Odour:	Ester like.
Boiling point:	Gel before boiling.
Melting point:	Not established.
Specific gravity:	1.5 - 2.0
Flash point:	Not established.
Flammable:	Not established.
Autoflammability:	Do not self ignite.
Explosive properties:	Do not present an explosion hazard.
Oxidizing properties:	Not established.
Vapour pressure (@ 20°C):	0 mbar
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.
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.

---

#### 11. Toxicological information

Acute toxicity:	May be irritating to skin, eye and mucous membrane.
Sensitization:	No sensitizing effect known. In isolated cases contact allergies have been reported.
Inhalation:	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

Glacier, Wave, Wave MV, Wave HV, Rok, Ice and LC Opaquer are not classified as Dangerous Goods for air, sea, rail or road transport.

---



---

**15. Regulatory information**

These products are regulated by:

TGA  
Medical Devices 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

---



## 1. Identification: Substance / Preparation and Company name

Product Identifier: Glacier; Wave; Wave MV; Wave HV; ROK, ICE, Luna, Aura and LC Opaquer

Recommended use: For filling of cavitated teeth by dental professionals.

### Manufacturer / Supplier

SDI Limited  
3-13 Brunson 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 3092 7100 (Business Hours)

**Emergency contact number:** +61 3 8727 7111

## 2. Hazard Identification

Products may cause irritation to the skin, eye and mucous membrane. Ingestion of unpolymerised material may cause gastric irritation. In isolated cases, contact allergies have been reported with acrylic resins. Anyone with known history of resin allergies are advised to seek the advice of a specialist before use.

Hazard classification: Skin Sens. 1; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3.



WARNING (Exclamation mark)

Hazard phrases	H317	May cause an allergic skin reaction
	H315	Causes skin irritation
	H319	Causes serious eye irritation
	H335	May cause respiratory irritation
Precaution phrases:	P280	Wear protective gloves, use eye protection.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before re-use.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



## 2. Hazard Identification...continued

Precaution phrases:	P337+P313 P304+PP340	If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing
	P312 P102	Call a POISON CENTRE or doctor/physician if you feel unwell. Keep out of reach of children.

## 3. Composition / Information on ingredients

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>
Acrylic monomers	72869-86-4, 109-16-0, 24448-20-2	6.0 – 46.0

## 4. First Aid Measures

Eye (contact):	Flush opened eye with running water for at least 15 minutes. Remove contact lenses if present and easy to do. If eye irritation persists, seek medical attention.
Skin (contact):	Remove contaminated clothing. Wash skin with soap and water. In case of allergic reaction or irritation, seek medical attention. Wash contaminated clothing before re-use.
Ingestion:	Seek medical attention.
Inhalation:	If any respiratory irritation, remove victim to fresh air and seek medical attention.

## 5. Fire Fighting Measures

Suitable extinguishing media:	Sand, chemical foam, carbon dioxide, dry chemicals.
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 (less than 1 kg). For large quantity, wear approved respirator and protective gear. Use water spray to cool container.

## 6. Accidental Release Measures

Personal precautions:	Not required.
Environmental precautions:	Prevent any spillage from entering waterways, drains or sewage system.
Methods for cleaning up:	Scoop up bulk material and transfer to containers for disposal.





## 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. Avoid breathing product.
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Not absolutely necessary however avoid exposure with eyes as product is irritating.
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.

---

## 9. Physical and chemical properties

Appearance:	Tooth coloured viscous / flowable paste.
Odour:	Ester like.
Boiling point:	Gel before boiling.
Melting point:	Not established.
Specific gravity:	1.5 - 2.0
Flash point:	Not established.
Flammable:	Not established.
Autoflammability:	Do not self ignite.
Explosive properties:	Do not present an explosion hazard.
Oxidizing properties:	Not established.
Vapour pressure (@ 20°C):	0 mbar
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.
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.

---

## 11. Toxicological information

Acute toxicity:	May be irritating to skin, eye and mucous membrane.
Sensitization:	No sensitizing effect known. In isolated cases contact allergies have been reported.
Inhalation:	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

Glacier, Wave, Wave MV, Wave HV, Rok, Ice, Aura and LC Opaquer are not classified as Dangerous Goods for air, sea, rail or road transport.

---

## 15. Regulatory information

These products are regulated by:

TGA  
Medical Devices 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:** R&D Director

---