Page 1 of 4

Revision: 1

1. Substance / Preparation and Company name

Product Name: riva protect capsules

Recommended use: For fissure and tooth protection.

Manufacturer / Supplier

SDI Limited SDI Inc.

5-13 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

<u>Telephone</u>: <u>Telephone</u>:

+61 3 8727 7111 (Business hours) +630 238 8300 (Business hours)

Southern Dental Industries Ltd

Block 8, St Johns Court

Swords Road

SDI Brasil Industria e Comercio Ltda

Rua Dr. Virgílio de Carvalho Pinto, 612

Pinheirs, São Paulo, SP, CEP05420-015

Santy, Dublin, Ireland Brasil

<u>Telephone</u>: <u>Telephone</u>:

+353 1 886 9577 (Business Hours) +(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on ingredients

Composition:	CAS No.	Wt. %
Compartment 1 (powder) Fluoro Aluminosilicate Glass Polyacrylic Acid	- 9003-01-4	90.0 10.0
Compartment 2 (liquid)		
Polyacrylic acid	9003-01-4	25.0
Tartaric Acid	87-69-4	10.0
Balanced ingredient (non-hazardous)	-	65.0

3. Hazard Identification

Under normal conditions of use, product does not pose any danger to the user. However, the liquid and powder are irritating to skin, eyes and respiratory system.

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

Safety phrases: 2 Keep out of reach of children

24/25 Avoid contact with skin and eyes.

Page 2 of 4

Revision: 1

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 plenty of water. If irritation

occurs seek medical attention.

Ingestion: Drink plenty of water. Seek medical attention if discomfort continues.

5. Fire Fighting Measures

Suitable extinguishing media: None required.

Unusual Fire and Explosion

Hazards: None.

Special protective equipment: No special protective equipment required.

6. Accidental Release Measures

Personal precautions: Do not get into eyes, on skin or clothing.

Environmental precautions: Clear up spillages. Transfer to a container for disposal.

Methods for cleaning up: Wash the spillage area clean with water.

7. Handling and storage

Handling

No special measures required.

Storage

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

8. Exposure controls and personal protection

Respiratory protection:

Hand protection:

Rubber gloves.

Eye protection: Safety glasses, goggles or face shield.

General safety and hygiene measures: None.

Page 3 of 4

Revision: 1

9. Physical and chemical properties

Appearance: Smooth, pale-coloured paste

Odour: Slightly characteristic odour

Boiling point: Approx. 100°C (212°F)

Melting point:

Not applicable

Specific gravity:

2.0 g/cm³

Not applicable

Flash point: Not applicable
Flammable: Not flammable
Autoflammability: Not applicable

Explosive properties: Does not present an explosion hazard

Oxidizing properties: Not applicable

Vapour pressure (@ 20°C): Approx. 23 kPa

Relative density: <1.0
Solubility: Miscible

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Avoid excessive heat

Materials to avoid: None.

Hazardous decomposition products: None when used as directed.

Hazardous reactivity (polymerization): No hazardous reactions known.

11. Toxicological information

Acute toxicity: Contact with skin and eyes may cause irritation.

Eye (contact): Irritating to eyes

Skin (contact): Possible skin irritant

Inhalation (powder): Irritating to respiratory system.

Ingestion: Irritant not likely in small amounts

12. Ecological information

Self assessment: Not readily biodegradable. Avoid large quantities entering drains, surface water

or ground water.

Page 4 of 4

Revision: 1

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

This product is regulated by

TGA

Medical Devices Directive 93/42/EEC

FDA

National regulations

16. Other information

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data σ the results to be obtained from the use thereof.

Prepared by: SDI Limited

SDI Limited Phone Number: 5-13 Brunsdon Street, Bayswater +61 3 8727 7111

Victoria, 3153, Australia

Department issuing MSDS: Research and Development

Contact: Operations Director

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]Page

Product: RIVA LUTING PLUS (LIQUID)

Date / Revised: 16.4.2008 Revision: 2

1. Substance / Preparation and Company Name

Product Name:

Riva Luting Plus (liquid)

Recommended use: Liquid for dental restorative cement.

Manufacturer / Supplier

SDI Limited

SDI Inc.

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

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

Telephone:

Telephone:

+61 3 8727 7111 (Business hours) 630 238 8300 (Business hours)

Southern Dental Industries Ltd

Block 8, St Johns Court

SDI Brasil Indústria e Comércio Ltda Rua Dr. Virgílio de Carvalho Pinto, 612

Pinheiros, São Paulo, 05415-020

Swords Road

Telephone:

Brasil

Santry, Dublin 9, Ireland

Telephone:

+353 1 886 9577 (Business Hours)

+(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on Ingredients

Comp	<u>osit</u>	ion:
-		

₩t. %

CAS No.

Polyacrylic Acid		5-15
Tartaric Acid	87-69-4	1-5
2-Hydroxyethyl Methacrylate	868-77-9	25-35
Dimethacrylate Cross-linker		10-25
Acidic Monomer		10-20

3. Hazard Identification

Product is an irritant. Avoid contact with skin and eyes.

Risk Phrases:

36 Irritating to eyes.

38 Irritating to skin.

Safety Phrases:

25 Avoid contact with eyes.

In case of contact with eyes, rinse immediately 26

with plenty of water and seek medical advice.

After contact with skin, wash immediately with 28

water and soap.

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]Page

Product: RIVA LUTING PLUS (LIQUID)

Date / Revised: 16.4.2008 Revision: 2

4. First Aid Measures

Eye (contact): Wash thoroughly with water and seek medical attention.

Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water.

Ingestion: Drink plenty of water/milk. Seek medical attention if symptoms persist.

5. Fire Fighting Measures

Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: None

Special Protective Equipment: No special protective equipment required.

6. Accidental Release Measures

Personal Precautions:

Do not get into eyes, on skin or clothing.

Environmental Precautions: Prevent product from entering drains, surface water or ground water.

Method for Cleaning Spills: Contain with absorbent material (e.g. sand, diatomaceous earth) and dispose of in accordance with regulations.

7. Handling and Storage

Handling:

No special measures required.

Storage:

Store in a cool place at temperatures between 4°C and 20°C $(39^{\circ}\text{F} - 68^{\circ}\text{F})$.

8. Exposure Controls / Personal Protection

Respiratory Protection:

None required under normal conditions

of use.

Hand Protection:

Latex or rubber gloves.

Eye Protection:

Safety glasses or goggles

General Safety and Hygiene Measures: None

9. Physical and Chemical Properties

Appearance:

Slightly yellow liquid

Odour:

Slightly characteristic odour

Boiling Point:

Approx. 100°C (212°F)

Melting Point:

Not applicable

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSG:2011(2003)]Page

Product: RIVA LUTING PLUS (LIQUID)

Date / Revised: 16.4.2008 Revision: 2

9. Physical and Chemical Properties (Cont'd)

Specific Gravity:

 1.14 g / cm^3

Flash Point:

Not applicable

Flammable:

Not flammable

Autoflammability:

Not applicable

Explosive Properties: Does not present an explosion hazard

Oxidising Properties: Not applicable

Vapour Pressure (@ 20°C): Approx. 23 hPa

Vapour Density:

<1.0

Solubility:

Miscible

10. Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to Avoid:

Avoid excessive heat

Materials to Avoid:

None

Hazardous Decomposition Products:

None when used as directed

Hazardous Reactivity (Polymerization): No hazardous reactions known

11. Toxicological Information

Acute Toxicity:

Contact with skin and eyes may cause irritation.

Eye (contact):

Irritating to eyes.

Skin (contact): Possible skin irritant.

Inhalation (powder) May be irritating.

Ingestion:

Irritation not likely in small amounts.

12. Ecological Information

Self-Assessment: Not readily biodegradable. Avoid large quantities

entering drains, surface water or ground water.

13. Disposal Considerations

Dispose in accordance with local official regulations.

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]Page

Product: RIVA LUTING PLUS (LIQUID)

Date / Revised: 16.4.2008 Revision: 2

14. Transport Information

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

15. Regulatory Information

This product is regulated by:

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

16. Other Information

Preparation of MSDS:

Prepared by:

SDI Limited

Number:

5-9 Brunsdon Street, Bayswater +61 3 8727 7111

Victoria, 3153, Australia

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Department issuing MSDS:

Research and Development

Phone

Contact:

Operations Director

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]Page

Product: RIVA LUTING PLUS (POWDER)

Revision: 2 Date / Revised: 16.4.2008

1. Substance / Preparation and Company Name

Product Name: Riva Luting Plus (powder)

Recommended use: Powder for the making of dental restorative cement by dental professionals.

Manufacturer / Supplier

SDI Limited

SDI Inc.

5-9 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

Telephone:

Telephone:

+61 3 8727 7111 (Business hours) 630 238 8300 (Business hours)

Southern Dental Industries Ltd SDI Brasil Indústria e Comércio Ltda Block 8, St Johns Court

Rua Dr. Virgílio de Carvalho Pinto, 612 Pinheiros, São Paulo, 05415-020

Swords Road Santry, Dublin 9, Ireland

Brasil

Telephone:

Telephone:

+353 1 886 9577 (Business Hours) + (5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on Ingredients

Composition:

CAS

No.

Wt 용

Fluoroaluminosilicate glass powder

95-100

3. Hazard Identification

Powder is an irritant. Avoid creating and inhaling dust.

Risk Phrases:

36 Irritating to eyes.

37 Irritating to respiratory system.

38 Irritating to skin.

Safety Phrases:

25 Avoid contact with eyes.

In case of contact with eyes, rinse immediately 26 with plenty of water and seek medical advice.

After contact with skin, wash immediately with

water and soap.

4. First Aid Measures

Eye (contact): Wash thoroughly with water and seek medical attention.

Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water.

Ingestion: Drink plenty of water/milk. Seek medical attention if symptoms persist.

Inhalation: (powder) Remove to fresh air. If breathing is difficult, seek medical attention.

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Page

Product: RIVA LUTING PLUS (POWDER)

Date / Revised: 16.4.2008 Revision: 2

5. Fire Fighting Measures

Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: None.

Special Protective Equipment: No special protective equipment required.

6. Accidental Release Measures

Personal Precautions: Avoid contact with eyes, skin or clothing.

Environmental Precautions: Clear up spillages. Transfer to a container

for disposal.

Method for Cleaning Spills: Wash the spillage area clean with water.

7. Handling and Storage

Handling:

Avoid contact with skin and eyes.

Storage:

Store in a cool place at temperatures between 4°C and 20°C

 $(39^{\circ}F - 68^{\circ}F)$.

8. Exposure Controls / Personal Protection

Respiratory Protection:

Face mask.

Hand Protection:

Safety / rubber gloves.

Eye Protection:

Safety glasses, goggles or face

shield.

General Safety and Hygiene Measures:

None

9. Physical and Chemical Properties

Appearance:

Fine white powder

Odour:

None

Boiling Point:

Not applicable

Melting Point:

>750°C

Specific Gravity:

 $2.8 \, \text{g} / \text{cm}^3$

Flash Point:

Not applicable

Flammable:

Not applicable

Autoflammability:

Not applicable

Explosive Properties: Not known

Oxidising Properties: Not known

MATERIAL SAFETY DATA - SHEET [according to -GHS -& NOHSC: 2011-(2003)] Page

Product: RIVA LUTING PLUS (POWDER)

Revision: 2 Date / Revised: 16.4.2008

9. Physical and Chemical Properties (Cont'd)

Vapour Pressure (@ 20°C):

None

Vapour Density:

None

Solubility:

Insoluble

10. Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to Avoid:

None known

Materials to Avoid:

None known

Hazardous Decomposition Products:

None known

Hazardous Reactivity (Polymerization): None known

11. Toxicological Information

Acute Toxicity:

Contact with skin and eyes may cause irritation.

Eye (contact):

May cause irritation due to foreign body reaction.

Skin (contact): Possible skin irritant.

Inhalation:

Possible respiratory irritant.

Ingestion:

Irritant not likely in small amounts.

12. Ecological Information

Self-Assessment: Not readily biodegradable. Slightly hazardous for

water.

13. Disposal Considerations

Dispose 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.



MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]Page

Product: RIVA LUTING PLUS (POWDER)

Revision: 2 Date / Revised: 16.4.2008

15. Regulatory Information

This product is regulated by:

TGA

Medical Devices Directive 93/42/EEC

FDA

National regulations

16. Other Information

Preparation of MSDS:

Prepared by:

SDI Limited

Phone

Number:

5-9 Brunsdon Street, Bayswater +61 3 8727 7111

Victoria, 3153, Australia

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Department issuing MSDS: Research and Development

Contact:

Operations Director

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Page 1 of 4

Product: RIVA SELF CURE (POWDER)

Date / Revised: 30.11.2004 Revision: 2

1. Substance / Preparation and Company Name

Product Name: riva self cure (powder)

Recommended use: Powder for the making of dental restorative cement by dental professionals.

Manufacturer / Supplier

SDI Limited SDI Inc.

5-9 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

<u>Telephone</u>: <u>Telephone</u>:

+61 3 8727 7111 (Business hours) 630 238 8300 (Business hours)

Southern Dental Industries Ltd

Block 8, St Johns Court

Swords Road

SDI Brasil Indústria e Comércio Ltda

Rua Dr. Virgílio de Carvalho Pinto, 612

Pinheiros, São Paulo, 05415-020

Santry, Dublin 9, Ireland Brasil

<u>Telephone</u>: <u>Telephone</u>:

+353 1 886 9577 (Business Hours) +(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on Ingredients

Composition: CAS No. Wt %

Fluoro Aluminosilicate Glass 90-95 Polyacrylic Acid 90030-01-4 5-10

3. Hazard Identification

Powder is an irritant. Avoid creating and inhaling dust.

Risk Phrases: **36** Irritating to eyes.

37 Irritating to respiratory system.

38 Irritating to skin.

Safety Phrases: 25 Avoid contact with eyes.

26 In case of contact with eyes, rinse immediately with plenty of water

and seek medical advice.

28 After contact with skin, wash immediately with water and soap.

. First Aid Measures

Eye (contact): Flush opened eye with running water for 15 minutes. Seek medical attention.

Skin (contact): Wash skin with plenty of water. If irritation occurs seek medical attention.

Ingestion: Drink plenty of water. Seek medical attention if discomfort continues.



MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Page 2 of 4 Product: RIVA SELF CURE (POWDER)
Date / Revised: 30.11.2004 Revision: 2

Fire Fighting Measures

Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: None.

Special Protective Equipment: No special protective equipment required.

Accidental Release Measures

Personal Precautions: Avoid contact with eyes, skin or clothing.

Environmental Precautions: Clear up spillages. Transfer to a container for disposal.

Method for Cleaning Spills: Wash the spillage area clean with water.

Handling and Storage

Handling: Avoid contact with skin and eyes.

Storage: Store in a cool place at temperatures between 4°C and 20°C (39°F - 68°F).

Exposure Controls / Personal Protection

Respiratory Protection: Face mask.

Hand Protection: Safety / rubber gloves.

Eye Protection: Safety glasses, goggles or face shield.

General Safety and Hygiene Measures: None

Physical and Chemical Properties

Fine white powder Appearance:

Odour: None

Boiling Point: Not applicable

Melting Point: >750°C Specific Gravity: $2.5 \, g / cm^3$ Flash Point: Not applicable Flammable: Not applicable Autoflammability: Not applicable

Explosive Properties: Not known Oxidising Properties: Not known



MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Page 3 of 4

Product: RIVA SELF CURE (POWDER)

Date / Revised: 30.11.2004 Revision: 2

9. Physical and Chemical Properties (Cont'd)

Vapour Pressure (@ 20°C): None
Vapour Density: None

Solubility: Insoluble

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition Products: None known

Hazardous Reactivity (Polymerization): None known

11. Toxicological Information

Acute Toxicity: Contact with skin and eyes may cause irritation.

Eye (contact): May cause irritation due to foreign body reaction.

Skin (contact): Possible skin irritant.

Inhalation: Possible respiratory irritant.

Ingestion: Irritant not likely in small amounts.

12. Ecological Information

Self Assessment: Not readily biodegradable. Slightly hazardous for water.

13. Disposal Considerations

Dispose 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.



MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Page 4 of 4

Product: RIVA SELF CURE (POWDER)

Date / Revised: 30.11.2004 Revision: 2

15. Regulatory Information

This product is regulated by:

TGA

Medical Devices Directive 93/42/EEC

FDA

National regulations

16. Other Information

Preparation of MSDS:

Prepared by: SDI Limited Phone Number: 5-9 Brunsdon Street, Bayswater +61 3 8727 7111

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

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the

results to be obtained from the use thereof.

Department issuing MSDS: Research and Development

Contact: Operations Director

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]

Product: RIVA LIGHT CURE (LIQUID)

Date / Revised: 21.02.2005 Revision: 2

Page 1 of 4

1. Substance / Preparation and Company Name

Product Name: riva light cure (liquid)

Recommended use: liquid for light-cured dental restorative cement.

Manufacturer / Supplier

SDI Limited SDI Inc.

5-13 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

<u>Telephone</u>: <u>Telephone</u>:

+61 3 8727 7111 (Business hours) +630 238 8300 (Business hours)

Southern Dental Industries Ltd

Block 8, St Johns Court

SDI Brasil Industria e Comercio Ltda

Rua Dr. Virgílio de Carvalho Pinto, 612

Swords Road

Pinheirs, São Paulo, SP, CEP05420-015

Santy, Dublin, Ireland Brasil

<u>Telephone</u>: <u>Telephone</u>:

+353 1 886 9577 (Business Hours) +(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on Ingredients

Composition:	CAS No.	<u>Wt. %</u>
Polyacrylic Acid		15-25
Tartaric Acid	87-69-4	1-5
2-Hydroxyethyl Methacrylate	868-77-9	20-30
Glycerol Dimethacrylate	1830-78-0	5-15
Acidic Monomer		10-20

3. Hazard Identification

Product is an irritant. Avoid contact with skin and eyes.

Risk Phrases:	36 38	Irritating to eyes. Irritating to skin.	

Safety Phrases: 25 Avoid contact with eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and

seek medical advice.

28 After contact with skin, wash immediately with water and soap.

Date / Revised: 21.02.2005 Revision: 2

Page 2 of 4

First Aid Measures

Eye (contact): Flush opened eye with running water for 15 minutes. Seek medical attention.

Skin (contact): Remove contaminated clothing. Wash skin with plenty of water. If irritation

occurs seek medical attention.

Ingestion: Drink plenty of water. Seek medical attention if discomfort continues.

5. Fire Fighting Measures

> Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: None.

Special Protective Equipment: No special protective equipment required.

Accidental Release Measures 6.

> Personal Precautions: Do not get into eyes, on skin or clothing.

Environmental Precautions: Prevent product from entering drains, surface water or ground water.

Method for Cleaning Spills: Contain with absorbent material (e.g. sand, diatomaceous earth) and

dispose of in accordance with regulations.

7. Handling and Storage

> Handling: No special measures required.

Store in a cool place at temperatures between 10°C and 25°C (50°F - 77°F). Storage:

8. Exposure Controls / Personal Protection

> Respiratory Protection: None required under normal conditions of use.

Hand Protection: Latex or rubber gloves.

Eye Protection: Safety glasses or goggles

General Safety and Hygiene Measures: None

Physical and Chemical Properties

Appearance: Slightly yellow liquid

Odour: Slightly characteristic odour

Approx. 100°C (212°F) **Boiling Point:**

Melting Point: Not applicable Product: RIVA LIGHT CURE (LIQUID) Date / Revised: 21.02.2005

Page 3 of 4

Revision: 2

Physical and Chemical Properties (Cont'd)

Specific Gravity: $1.14 \text{ g} / \text{cm}^3$ Flash Point: Not applicable Flammable: Not flammable Autoflammability: Not applicable

Explosive Properties: Does not present an explosion hazard

Oxidising Properties: Not applicable Vapour Pressure (@ 20°C): Approx. 23 hPa

Vapour Density: <1.0 Solubility: Miscible

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid excessive heat

Materials to Avoid: None

Hazardous Decomposition Products: None when used as directed

Hazardous Reactivity (Polymerization): No hazardous reactions known

11. Toxicological Information

Acute Toxicity: Contact with skin and eyes may cause irritation.

Eye (contact): Irritating to eyes. Possible skin irritant. Skin (contact): Inhalation (powder) May be irritating.

Ingestion: Irritation not likely in small amounts.

12. Ecological Information

Not readily biodegradable. Avoid large quantities entering drains, surface water Self-Assessment:

or ground water.

13. Disposal Considerations

Dispose in accordance with local official regulations.

Page 4 of 4

Revision: 2

14. Transport Information

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

15. Regulatory Information

This product is regulated by:

TGA

Medical Devices Directive 93/42/EEC

FDA

National regulations

16. Other Information

Preparation of MSDS:

Prepared by: SDI Limited

SDI Limited Phone Number: 5-13 Brunsdon Street, Bayswater +61 3 8727 7111

Victoria, 3153, Australia

Revision: 2

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Department issuing MSDS: Research and Development

Contact: Operations Director

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]

Product: RIVA LIGHT CURE (POWDER)

Date / Revised: 21.02.2005 Revision: 2

Page 1 of 4

1. Substance / Preparation and Company Name

Product Name: riva light cure (powder)

Recommended use: Powder for the making of dental restorative cement by dental professionals.

Manufacturer / Supplier

SDI Limited SDI Inc.

5-13 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

<u>Telephone</u>: <u>Telephone</u>:

+61 3 8727 7111 (Business hours) +630 238 8300 (Business hours)

Southern Dental Industries Ltd

SDI Brasil Industria e Comercio Ltda

Block 8, St Johns Court

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Swords Road

Pinheirs, São Paulo, SP, CEP05420-015

Santy, Dublin, Ireland Brasil

<u>Telephone</u>: <u>Telephone</u>:

+353 1 886 9577 (Business Hours) +(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on Ingredients

Composition: CAS No. Wt %

Fluoroaluminosilicate glass powder 95-100

3. Hazard Identification

Powder is an irritant. Avoid creating and inhaling dust.

Risk Phrases: 36 Irritating to eyes.

37 Irritating to respiratory system.

38 Irritating to skin.

Safety Phrases: 25 Avoid contact with eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and

seek medical advice.

28 After contact with skin, wash immediately with water and soap.

4. First Aid Measures

Eye (contact): Flush opened eye with running water for 15 minutes. Seek medical attention.

Skin (contact): Wash skin with plenty of water. If irritation occurs seek medical attention.

Ingestion: Drink plenty of water. Seek medical attention if discomfort continues.

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)] Product: RIVA LIGHT CURE (POWDER)

Date / Revised: 21.02.2005 Revision: 2

Page 2 of 4

Fire Fighting Measures

Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: None.

Special Protective Equipment: No special protective equipment required.

6. Accidental Release Measures

> Personal Precautions: Avoid contact with eyes, skin or clothing.

Environmental Precautions: Clear up spillages. Transfer to a container for disposal.

Method for Cleaning Spills: Wash the spillage area clean with water.

7. Handling and Storage

> Handling: Avoid contact with skin and eyes.

Storage: Store in a dry place.

8. Exposure Controls / Personal Protection

> Respiratory Protection: Face mask.

Hand Protection: Safety / rubber gloves.

Eye Protection: Safety glasses, goggles or face shield.

 $2.8 \text{ g} / \text{cm}^3$

General Safety and Hygiene Measures: None

9. Physical and Chemical Properties

Specific Gravity:

Appearance: Fine white powder

Odour: None

Boiling Point: Not applicable

Melting Point: >750°C

Flash Point: Not applicable

Flammable: Not applicable

Autoflammability: Not applicable

Explosive Properties: Not known

Oxidising Properties: Not known

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Revision: 2

9. Physical and Chemical Properties (Cont'd)

Date / Revised: 21.02.2005

Vapour Pressure (@ 20°C): None
Vapour Density: None
Solubility: Insoluble

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10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition Products: None known

Hazardous Reactivity (Polymerization): None known

11. Toxicological Information

Acute Toxicity: Contact with skin and eyes may cause irritation.

Eye (contact): May cause irritation due to foreign body reaction.

Skin (contact): Possible skin irritant.

Inhalation: Possible respiratory irritant.

Ingestion: Irritant not likely in small amounts.

12. Ecological Information

Self-Assessment: Not readily biodegradable. Slightly hazardous for water.

13. Disposal Considerations

Dispose 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.

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Revision: 2

15. Regulatory Information

This product is regulated by:

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

16. Other Information

Preparation of MSDS:

Prepared by: SDI Limited Phone Number: 5-13 Brunsdon Street, Bayswater +61 3 8727 7111

Victoria, 3153, Australia

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Department issuing MSDS: Research and Development

Contact: Operations Director

Product: RIVA SILVER CAPSULES Date / Revised: 09.12.2004

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Revision: 1

Substance / Preparation and Company name

Product Name: riva silver capsules

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

Manufacturer / Supplier

SDI Limited SDI Inc.

5-13 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

Telephone: Telephone:

+61 3 8727 7111 (Business hours) +630 238 8300 (Business hours)

Southern Dental Industries Ltd SDI Brasil Industria e Comercio Ltda Block 8, St Johns Court Rua Dr. Virgílio de Carvalho Pinto, 612 Swords Road Pinheirs, São Paulo, SP, CEP05420-015

Santy, Dublin, Ireland Brasil

Telephone: Telephone:

+353 1 886 9577 (Business Hours) +(5511) 3031 1700 (Business Hours)

Emergency contact number: +61 3 8727 7111

CAS No.

2. Composition / Information on ingredients

Compartment 1:			
Polyacrylic Acid Tartaric acid Balance ingredient	90030-01-4 87-69-4	30.0 10.0	60.0
Compartment2:			
Fluoro Aluminosilicate powder Polyacrylic Acid Silver Metal Tin Metal Copper Metal	90030-01-4 7440-22-4 7440-31-5 7440-50-8	<10.0 20 - 30 10 - 15 3 - 6	40 – 70

Hazard Identification 3.

Composition:

Materials in the two compartments are irritants. However, under normal conditions of use, contact with these materials is generally not expected.

Risk Phrases: 36 Irritating to eyes.

> 37 Irritating to respiratory system.

38 Irritating to skin.

Safety Phrases: 25 Avoid contact with eyes.

> 26 In case of contact with eyes, rinse immediately with plenty of water

Wt. %

MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]

Product: RIVA SILVER CAPSULES

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Date / Revised: 09.12.2004 Revision: 1

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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 plenty of water. If irritation

occurs seek medical attention.

Ingestion: Drink plenty of water. Seek medical attention if discomfort continues.

5. Fire Fighting Measures

Suitable extinguishing media: None required.

Unusual Fire and Explosion

Hazards: None.

Special protective equipment: No special protective equipment required.

Accidental Release Measures

Personal precautions: Do not get into eyes, on skin or clothing.

Environmental precautions: Clear up spillages. Transfer to a container for disposal.

Methods for cleaning up: Wash the spillage area clean with water.

7. Handling and storage

<u>Handling</u>

No special measures required.

Storage

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

8. Exposure controls and personal protection

Respiratory protection: None required.

Hand protection: Rubber, latex or PVC gloves.

Eye protection: Recommended.

General safety and hygiene measures: None.

Product: RIVA SILVER CAPSULES
Date / Revised: 09.12.2004

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Revision: 1

9. Physical and chemical properties

Appearance: Smooth, light-grey coloured paste

Odour: Slightly characteristic odour

Boiling point: Approx. 100°C (212°F)

Melting point: Not applicable

Specific gravity: 2.0 g/cm³

Flash point: Not applicable

Flammable: Not flammable
Autoflammability: Not applicable

Explosive properties: Does not present an explosion hazard

Oxidizing properties: Not applicable

Vapour pressure (@ 20°C): Approx. 23 hPa

Relative density: <1.0
Solubility: Miscible

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Avoid excessive heat

Materials to avoid: None.

Hazardous decomposition products: None when used as directed.

Hazardous reactivity (polymerization): No hazardous reactions known.

11. Toxicological information

Acute toxicity: Contact with skin and eyes may cause irritation.

Eye (contact): Irritating to eyes

Skin (contact): Possible skin irritant

Inhalation: Not expected

Ingestion: Irritant not likely in small amounts

12. Ecological information

Self assessment:

Not readily biodegradable. Avoid large quantities entering drains, surface water or ground water.



MATERIAL SAFETY DATA SHEET [according to GHS & NOHSC:2011(2003)]

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Product: RIVA SILVER CAPSULES Date / Revised: 09.12.2004

Revision: 1

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

This product is regulated by

TGA

Medical Devices Directive 93/42/EEC

FDA

National regulations

-

16. Other information

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.

Prepared by: SDI Limited

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Department issuing MSDS: Research and Development

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Operations Director