

SAFETY DATA SHEETS

This SDS packet was issued with item:

076209803

N/A



1. Substance / Preparation and Company Name

Product Name: riva silver powder/liquid kit

Recommended use: For the making of dental cement 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:

+5511 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>
Fluoro Aluminosilicate Glass		40-70
Polyacrylic Acid	9003-01-4	<10.0
Silver metal	7440-22-4	20-30
Tin metal	7440-31-5	10-15
Copper metal	7440-50-8	3-6

3. Hazard Identification

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.



5. Fire Fighting Measures

Suitable Extinguishing Media: None required.

Unusual Fire and Explosion Hazards: Airborne dust is flammable.

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

Store sealed containers away from heat and light.

Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 4° - 20°C (39° - 68°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 / 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 light grey powder

Odour: None

Boiling Point: Not applicable

Melting Point: >750°C

Specific Gravity: 5.0 g / cm³



9. Physical and Chemical Properties (Cont'd)

Flash Point:	Not applicable
Flammable:	Not applicable
Autoflammability:	Not applicable
Explosive Properties:	Not known
Oxidising Properties:	Not known
Vapour Pressure (@ 20°C):	None
Vapour Density:	None
Solubility:	Insoluble

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to Avoid:	Humidity and high temperatures.
Materials to Avoid:	Avoid contact with hydrofluoric acid.
Hazardous Decomposition Products:	None known
Hazardous Reactivity (Polymerization):	None known

11. Toxicological Information

Acute

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.

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

Phone Number:
+61 3 8727 7111

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



1. Substance / Preparation and Company Name

Product Name: riva silver liquid

Recommended use: For the making of dental cement.

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>
Polyacrylic Acid	9003-01-4	30.0
Tartaric Acid	87-69-4	10.0
Balance ingredient (non-hazardous)		60.0

3. Hazard Identification

Product is irritating to eyes and skin.

Risk Phrases: **36** Irritating to eyes.
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 contact a doctor or Poisons Information Centre.
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): 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: 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

Store sealed containers away from heat and light.

Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 4° - 20°C (39° - 68°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 / Personal Protection

Respiratory Protection: None required.

Hand Protection: Rubber gloves.

Eye Protection: Safety glasses, goggles or face shield.

General Safety and Hygiene Measures: None



9. Physical and Chemical Properties

Appearance:	Colourless liquid
Odour:	Slightly characteristic odour
Boiling Point:	Approx. 100°C (212°F)
Melting Point:	Not applicable
Specific Gravity:	1.2 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 kPa
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:

Eye (contact):	Irritating to eyes.
Skin (contact):	Possible skin irritant.
Inhalation:	Not expected.
Ingestion:	Irritant not likely in small amounts.

Chronic: None expected.

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.

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

Phone Number:
+61 3 8727 7111

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



Global Safety Management, Inc

To Whom It May Concern:

Riva Silver Powder/Liquid Kit.

This product is a kit with multiple components. Please see the individual component SDSs for information.

The GSM Reference numbers are:

GSM-019067

GSM-019068

Sincerely,

The Global Safety Management Team

www.globalmsdlibrary.com

1-813-435-5161