



1. Substance / Preparation and Company Name

Product Name: riva silver (powder)

Recommended use: For the making of dental cement by dental professionals.

Manufacturer / Supplier

SDI Limited
5-9 Brunsdon Street, Bayswater
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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 (40° - 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.
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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
