



## 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  
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SDI Inc.  
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## 2. Composition / Information on ingredients

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>
<b>Compartment 1:</b>		
Polyacrylic Acid	9003-01-4	30.0
Tartaric acid	87-69-4	10.0
Balance ingredient		60.0
<b>Compartment2:</b>		
Fluoro Aluminosilicate Powder		40 – 60
Polyacrylic Acid	9003-01-4	<10.0
Alloy Powder		30 – 50

## 3. Hazard Identification

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

Risk Phrases:	<b>36</b>	Irritating to eyes.
	<b>37</b>	Irritating to respiratory system.
	<b>38</b>	Irritating to skin.
Safety Phrases:	<b>25</b>	Avoid contact with eyes.
	<b>26</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	<b>28</b>	After contact with skin, wash immediately with water and soap.



#### 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.
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#### 5. Fire Fighting Measures

- Suitable extinguishing media: None required.
- Unusual Fire and Explosion Hazards: None.
- Special protective equipment: No special protective equipment required.
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#### 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.
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#### 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.

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#### 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.
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## 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/cm <sup>3</sup>
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

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## 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.

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## 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

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## 12. Ecological information

Self assessment:	Not readily biodegradable. Avoid large quantities entering drains, surface water or ground water.
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**13. Disposal considerations**

Dispose of in accordance with local official regulations.

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**14. Transport Information**

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

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**15. Regulatory information**

This product is regulated by

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

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**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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