

# Safety Data Sheet

## according to WHS Regulations

Printing date 21.08.2024

Version number 5

Revision: 21.08.2024

Hazardous according to criteria of Australian Safety and Compensation Council.

### SECTION 1: Identification

- **1.1 Product identifier**
- **Trade name: *Admira Fusion Flow***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** *Dental filling material*
- **Uses advised against** No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Australian sponsor address:*  
*VOCO Australia Pty Ltd.*  
*Level 19, 133-145 Castlereagh Street*  
*Sydney, NSW 2000*  
*Email: info@voco.com*
- **Further information obtainable from:** *Australia 02 9369 1770*
- **1.4 Emergency telephone number:** *Australia: 131126*

### SECTION 2: Hazard(s) Identification

- **2.2 Label elements**
- **Classification according to Regulation (EC) No 1272/2008**  
*Skin sensitisation – Category 1 H317 May cause an allergic skin reaction.*
- **Labelling according to Regulation (EC) No 1272/2008**  
*As a medical device the product is not subject to labelling regulations under 1272/2008/EC.*
- **Hazard pictograms** *GHS07*
- **Hazard statements**  
*May cause an allergic skin reaction.*
- **Precautionary statements**  
*Wear protective gloves.*  
*IF ON SKIN: Wash with plenty of water.*  
*If skin irritation or rash occurs: Get medical advice/attention.*  
*Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **2.3 Other hazards** *Use only for intended scope of application.*
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### SECTION 3: Composition and Information on Ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** *Mixture of substances listed below with nonhazardous additions.*

- **Dangerous components:**

<i>organically modified silicic acid</i>	<i>25-50%</i>
<i>Skin corrosion/irritation – Category 2, H315; Skin sensitisation – Category 1, H317</i>	
<i>Catalyst</i>	<i>≤2.5%</i>
<i>Eye damage/irritation – Category 1, H318</i>	
<i>Acute toxicity - oral – Category 4, H302; Skin sensitisation – Category 1, H317</i>	

### SECTION 4: First Aid Measures

- **4.1 Description of first aid measures**
- **After inhalation:** *Seek medical treatment in case of complaints.*

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Fire Fighting Measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental Release Measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and Storage

- **7.1 Precautions for safe handling**  
For dental use only.  
Follow the instructions for use.  
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** See storage instructions on package
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls and personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see section 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Avoid contact with the eyes and skin.

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· **Protection of hands:**



Protective gloves

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### SECTION 9: Physical and Chemical Properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Pasty
· <b>Colour:</b>	Light beige
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	Undetermined.
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
· <b>water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.
· <b>Solids content:</b>	0.0 %

· **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and Reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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### SECTION 11: Toxicological Information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Information on other hazards**  
The product does not contain any substances with endocrine-disrupting properties.

### SECTION 12: Ecological Information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** No endocrine-disrupting properties.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |  |      |
|--|------|
| · <b>14.1 UN-Number</b>                  | Void |
| · <b>ADG, ADN, IMDG, IATA</b>            | Void |
| · <b>14.2 UN proper shipping name</b>    | -    |
| · <b>ADG, ADN, IMDG, IATA</b>            | Void |
| · <b>14.3 Transport hazard class(es)</b> | -    |
| · <b>ADG, ADN, IMDG, IATA</b>            | Void |
| · <b>Class</b>                           | Void |
| · <b>14.4 Packing group</b>              | -    |
| · <b>ADG, IMDG, IATA</b>                 | Void |
| · <b>14.5 Environmental hazards:</b>     |      |
| · <b>Marine pollutant:</b>               | No   |

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<i>· 14.6 Special precautions for user</i>	<i>Not applicable.</i>
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<i>· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</i>	<i>Not applicable.</i>
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<i>· UN "Model Regulation":</i>	<i>Void</i>
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### SECTION 15: Regulatory information

*· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture*

*· Australian Inventory of Industrial Chemicals*

	<i>Glas Powder</i>
<i>CAS: 7631-86-9</i>	<i>silicon dioxide, chemically prepared</i>
	<i>Catalyst</i>
<i>CAS: 10373-78-1</i>	<i>camphorquinone</i>
	<i>Benzotriazole derivate</i>
<i>CAS: 5870-38-2</i>	<i>Lumilux Blau LZ</i>
<i>CAS: 1332-37-2</i>	<i>Iron oxide</i>
<i>CAS: 79-41-4</i>	<i>methacrylic acid</i>
<i>CAS: 128-37-0</i>	<i>Butylated hydroxytoluene</i>
<i>CAS: 10191-41-0</i>	<i>3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol</i>

*· Australia: Priority Existing Chemicals*

*None of the ingredients is listed.*

*· Directive 2012/18/EU*

*· Named dangerous substances - ANNEX I None of the ingredients is listed.*

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*· Department issuing SDS: Scientific department*

*· Contact: Tel.: +49 (0)4721-719-0*

*· Abbreviations and acronyms:*

*Acute toxicity - oral – Category 4: Acute toxicity – Category 4*

*Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2*

*Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1*

*Skin sensitisation – Category 1: Skin sensitisation – Category 1*