

***VOCO – Material Safety Data Sheet (Directive 91/155/EEC)***

In Australia, this product is hazardous (criteria of NOHSC) and not a dangerous good (ADG Code)  
Poisons Schedule – none (Australia's SUSDP)

VOCO Australia, PO Box 209 Osborne Park WA 6917. Tel: 0448 102 804 / Fax: (08) 9440 1874

<b>1</b>	<b><u>Names of Material, Preparation and Company</u></b> trade name: Registrado manufacturer/supplier: VOCO GmbH address: Anton-Flettner-Str. 1-3 D - 27472 Cuxhaven information sector: Scientific Department emergency information: Scientific Department	Tel.: +49-4721/71 9 - 0 Fax: +49-4721/71 9 - 109 Tel.: +49-47 21/71 9 - 0 emergency call: +49-47 21/71 9 - 0
<b>2</b>	<b><u>Composition/Details on Components</u></b> preparation: mixture of diff. polyalkylsiloxanes, initiators, stabilizers and additives description: addition-curing silicone material for bite registration etc.	
<b>3</b>	<b><u>Possible Risks</u></b> designation of risk: special details of risk (R-categories): detrimental effects/symptoms:	Xn, harmful 20/21/22 Harmful by inhalation, in contact with skin and if swallowed
<b>4</b>	<b><u>First-Aid-Measures</u></b> general information: after inhalation: after skin contact: after eye contact: after swallowing: information for the attending physician:	fresh air, in case of indisposition or nausea contact a doctor rinse thoroughly with plenty of water rinse thoroughly with water, contact a doctor contact immediately a physician material for dental or laboratory use only
<b>5</b>	<b><u>Fire Fighting Measures</u></b> suitable fire extinguishing agents: unsuitable fire extinguishing agents: particular hazards: fire fighting protective equipment:	foam, carbon dioxide, powder fire extinguishers water none no data available
<b>6</b>	<b><u>Measures in Case of Unintended Release</u></b> measures related to persons: environmental measures: procedures of cleaning/uptake additional information:	avoid eye and/or skin contact do not let the material get in contact with sewerage systems take up mechanically, use common absorbents none
<b>7.</b>	<b><u>Handling and Storage</u></b>	
<b>7.1</b>	handling: only by qualified staff in dental offices or dental laboratories instructions for safe handling: instructions on fire and explosion protection	see instructions for use no special measurements are required
<b>7.2</b>	Storage: demands on storerooms and containers  indications and prohibitions of storage together with other materials: further details on storage conditions:	tightly closed at room temperature store in good ventilated rooms and areas  do not store together with food keep out of the reach of children

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<b>8</b>	<b><u>Exposition Restriction and Personal Protective Equipment</u></b>			
<b>8.1</b>	additional information on the equipment of technical facilities: none			
<b>8.2</b>	components with limiting values related to place of work:			
	<b>CAS-No.</b>	<b>name</b>	<b>kind</b>	<b>value</b> <b>unit</b>
	additional information: hazards related to place of work are not known.			
<b>8.3</b>	<b>personal protective equipment:</b>	dental office or laboratory working clothes		
	<b>breathing protection</b>	do not breath or inhale vapour or dust		
	<b>hand protection:</b>	use of protective gloves is recommended		
	<b>eye protection:</b>	use of protective glasses is recommended		
	<b>body protection:</b>			
	<b>protective and hygiene measures:</b>	washing hands		
<b>9</b>	<b><u>Physical and Chemical Properties</u></b>			
<b>9.1</b>	<b>appearance:</b>	paste/paste		
	<b>form:</b>	pasty/pasty		
	<b>colour:</b>	blue/opaque		
	<b>odour:</b>	specific		
<b>9.2</b>	<b>safety data:</b>	<b>tested acc. to:</b>		
	<b>pH upon delivery:</b>	no data available		
	<b>pH of 10g/l H<sub>2</sub>O and 20°C:</b>	no data available		
	<b>change of state:</b>	no data available		
	<b>boiling point/area:</b>	no data available      °C		
	<b>melting point/area:</b>	no data available      °C		
	<b>flash point:</b>	no data available      °C		
	<b>inflammability:</b>	no data available		
	<b>ignition temperature:</b>	no data available      °C		
	<b>autoignition:</b>	no data available		
	<b>fire advancing properties:</b>	no data available		
	<b>explosion hazards:</b>	no data available		
	<b>explosion limits: LEL:</b>	<b>UEL:</b> no data available		
	<b>vapour pressure (°C)</b>	no data available		
	<b>density (°C)</b>	no data available      hPa		
	<b>bulk density:</b>	no data available		
	<b>solubility in water (20°C) (°C):</b>	no data available      mg/l		
	<b>in (°C)</b>	no data available      mg/l		
	<b>solubility in fat:</b>	no data available		
	<b>distribution coefficient n-octanol/water:</b>	no data available		
	<b>viscosity (°C):</b>	no data available		
	<b>solvent separation test:</b>	no data available      %		
	<b>solvent content:</b>	no data available      %		
<b>9.3</b>	<b>further particulars:</b>	none		
<b>10</b>	<b><u>Stability and Reactivity</u></b>			
	<b>conditions to be avoided:</b>	none if used in the recommended way		
	<b>materials to be avoided:</b>	none if used in the recommended way		
	<b>hazardous products of decomposition:</b>	none if used in the recommended way		
	<b>further particulars:</b>	none		

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<b>11. Toxicological Data</b>						
11.1 toxicological Test: no data available						
acute toxicity: no data available						
LD <sub>50</sub> /LC <sub>50</sub> :	component	kind	value	species	method of determination	
specific symptoms in animal test:				no data available		
irritant effect/corrosive action:				no data available		
sensitization:				no data available		
effects of repeated exposure or overexposure (subacute or chronic toxicity):				no data available		
carcinogenic and mutagenic effects hazardous to reproduction:				no data available		
other particulars:				no data available		
11.2 practical experience: no data available						
observations relevant to classifications: no data available						
other observations: no data available						
11.3 general remarks: during long-standing product application risks have not become known.						
<b>12 Ecological Data</b>						
12.1 information on elimination: no data available						
procedure	analytic method	degree of elimination		classification		
evaluation: no data available						
additional information: no data available						
12.2 behaviour in environmental compartments: no data available						
mobility and bioaccumulation potential: no data available						
additional information: none						
12.3 environmental toxic effects: no data available						
aquatic toxicity: no data available						
organism	test period	test method	result	assessment		
behaviour in sewage plants: no data available						
respiratory inhibition of local vitalised sludge: no data available						
12.4 additional information: none						
CSB-value: no data available mg/g						
BSB <sub>5</sub> -value: no data available mg/g						
AOX-indication: no data available						
contains the following heavy metals and compounds (corresponding to guideline 76/464/EWG) according to preparation formula: none						
general information: none						
<b>13 Disposal Instructions</b>						
13.1 product:						
recommendation: obey local and governmental regulations						
waste category	waste name	accountability				
13.2 uncleaned packing material:						
recommendation: obey local and governmental regulations						
cleaning agents: common cleansing agents for the laboratory						

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<b>14</b>	<b><u>Particulars on Transport</u></b>		
<b>14.1</b>	<b>land carriage:</b>		
	ADR/RID/GGVS/GGVE-class:	figure/letter: risk no.:	material no.:
	warning label:		
	designation of goods:		
	remarks:		
<b>14.2</b>	<b>inland transport by ship:</b>		
	ADN/ADNR-class:	figure/letter:	category:
	designation of goods:		
	remarks:		
<b>14.3</b>	<b>see transport:</b>		
	IMDG/GGV sea class:	UN-No.:	PG:
	EMS:	MFAG:	
	marine pollutant:		
	correct technical name:		
	remarks:		
<b>14.4</b>	<b>air transport:</b>		
	ICAO/IATA-class:	UN/ID-No.:	PG:
	correct technical name:		
	remarks:		
<b>14.5</b>	<b>further particulars:</b> No hazardous goods within the meaning of transport regulations		
<b>15</b>	<b><u>Regulation</u></b>		
<b>15.1</b>	<b>marking:</b> acc. to governmental regulations concerning declaration of dangerous chemicals no marking is prescribed		
	<b>danger symbol and designation:</b> none		
	<b>contains:</b>		
	<b>R-categories:</b>	none	
	<b>S-categories:</b>	none	
	<b>special marking of particular preparations:</b> none		
<b>15.2</b>	<b>national regulations:</b> acc. to article 10 of Directive 66/379 EEC and 67/548 EEC		
	<b>restrictions of employment:</b>	none	
	<b>instructions in case of interference:</b>	none	
	<b>classification acc. VbF:</b>	not applicable	
	<b>technical instruction air:</b>	not applicable	
	<b>water pollution class:</b>	no data available	
	<b>other regulations, restrictions and prohibitions:</b> Directive 91/155 EEC; medical product acc. to 93/42 EEC (medical products).		
<b>16</b>	<b><u>Other Particulars</u></b>		
	All information above has been given according to our present state of knowledge. It has been compiled to the best of our knowledge. The above -mentioned data do not represent a guarantee on characteristics. They only describe the safety requirements with regard to our products. They do not represent an assurance of product characteristics in the meaning of guarantees.		