

1	<u>Names of Material, Preparation and Company</u>	
trade name:	Admira Flow	
manufacturer/supplier	VOCO GmbH	
address:	Anton-Flettner-Str. 1-3 D - 27472 Cuxhaven	
australian contact:	VOCO Australia	Emergency.: 0448 102 804
australian address:	PO Box 209 Osborne Park WA 6917	Fax: (08) 9440 1874
2	<u>Composition/Details on Components</u>	
preparation:	mixture of diff. dimethacrylates, silicate fillers, ormocers, initiators and diff. additives	
description:	first flowable light-curing filling material based on ormocers	
hazardous ingredients:		
name	CAS-No.	content
UDMA	41137-60-4	4 - 6 %
		danger symbol
		R-categories
		Xi
		36-38
3	<u>Hazards Identification</u>	
this product is hazardous (criteria of NOHSC)		
it is a dangerous good (ADG Code)		
poisons schedule – none (Australia’s SUSDP)		
designation of risk:	Xi, irritant	
special details of risk (R-categories):	36/37/38	
4	<u>First-Aid-Measures</u>	
general information:		
after inhalation:	fresh air, in case of indisposition or nausea contact a doctor	
after skin contact:	rinse thoroughly with plenty of water	
after eye contact:	rinse thoroughly with water, contact a doctor	
after swallowing:	contact immediately a physician	
information for the attending physician:	material for dental or laboratory use only	
5	<u>Fire Fighting Measures</u>	
suitable fire extinguishing agents:	foam, carbon dioxide, powder fire extinguishers	
unsuitable fire extinguishing agents:	water	
particular hazards:	none	
fire fighting protective equipment:	no data available	
6	<u>Measures in Case of Unintended Release</u>	
measures related to persons:	avoid eye and/or skin contact	
environmental measures:	do not let the material get in contact with sewerage systems	
procedures of cleaning/uptake	take up mechanically, use common absorbents	
additional information:	none	
7.	<u>Handling and Storage</u>	
7.1	handling: only by qualified staff in dental offices or dental laboratories	
instructions for safe handling:	see instructions for use	
instructions on fire and explosion protection	no special measurements are required	
7.2	Storage:	
demands on storerooms and containers	tightly closed at room temperature store in good ventilated rooms and areas	
indications and prohibitions of storage together with other materials:	do not store together with food	
further details on storage conditions:	keep out of the reach of children	

8	<u>Exposition Restriction and Personal Protective Equipment</u>			
8.1	additional information on the equipment of technical facilities: none			
8.2	components with limiting values related to place of work: none			
	CAS-No.	name	kind	value unit
	additional information: hazards related to place of work are not known.			
8.3	personal protective equipment:		dental office or laboratory working clothes	
	breathing protection		do not breathe or inhale vapour or dust	
	hand protection:		use of protective gloves is recommended	
	eye protection:		use of protective glasses is recommended	
	body protection:		dental working clothes	
	protective and hygiene measures:		washing hands	
9	<u>Physical and Chemical Properties</u>			
9.1	appearance:		paste	
	form:		pasty	
	colour:		A2, A3, A3.5	
	odour:		acrylate-like	
9.2	safety data:	tested acc. to:		
	pH upon delivery:		no data available	
	pH of 10g/l H₂O and 20°C:		no data available	
	change of state:		no data available	
	boiling point/area:			°C
	melting point/area:			°C
	flash point:			°C
	flammability:			
	ignition temperature:			°C
	autoignition:		no data available	
	fire advancing properties:		no data available	
	explosion hazards:		no data available	
	explosion limits: LEL:		UEL: no data available	
	vapour pressure (°C)		no data available	
	density (°C)			hPa
	bulk density:		no data available	
	solubility in water (20°C) (°C):			mg/l
	in (°C)			mg/l
	solubility in fat:		no data available	
	distribution coefficient n-octanol/water:		no data available	
	viscosity (°C):		no data available	
	solvent separation test:			%
	solvent content:			%
9.3	further particulars:		none	
10	<u>Stability and Reactivity</u>			
	conditions to be avoided:		light exposition, heat	
	materials to be avoided:		radical initiators, e. g. peroxides	
	hazardous products of decomposition:		HCN, cyanides	
	further particulars:		none	

11. Toxicological Data						
11.1	toxicological Test: no data available					
	acute toxicity: no data available					
	LD ₅₀ /LC ₅₀ :	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.					
12 Ecological Data						
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 ₅ -value: no data available				mg/g	
	AOX-indication: no data available					
	contains the following heavy metals and compounds (corresponding to guideline 76/464/EEC) according to preparation formula: none					
	general information: none					
13 Disposal Instructions						
13.1	product: Admira Flow					
	recommendation: obey local and governmental regulations					
	waste category		waste name			accountability
13.2	uncleaned packing material: obey local and governmental regulations					
	recommendation: obey local and governmental regulations					
	cleaning agents: common cleansing agents for the laboratory					

14 Particulars on Transport		
14.1 land carriage:		
ADR/RID/GGVS/GGVE-class:	figure/letter: risk no.:	material no.:
warning label: designation of goods: remarks:		
14.2 inland transport by ship:		
ADN/ADNR-class:	figure/letter:	category:
designation of goods: remarks:		
14.3 see transport:		
IMDG/GGV sea class:	UN-No.:	PG:
EMS:	MFAG:	
marine pollutant: correct technical name: remarks:		
14.4 air transport:		
ICAO/IATA-class:	UN/ID-No.:	PG:
correct technical name: remarks:		
14.5 further particulars: No hazardous goods within the meaning of transport regulations		
15 Regulation		
15.1 marking: acc. to governmental regulations concerning declaration of dangerous chemicals no marking is prescribed		
danger symbol and designation: none		
contains:		
R-categories:	none	
S-categories:	none	
special marking of particular preparations: none		
15.2 national regulations: acc. to article 10 of Directive 66/379 EEC and 67/548 EEC		
restrictions of employment: none		
instructions in case of interference: none		
classification acc. VbF: not applicable		
technical instruction air: not applicable		
water pollution class: no data available		
other regulations, restrictions and prohibitions: Directive 91/155 EEC; medical product acc. to 93/42 EEC (medical products).		
16 Other Particulars		
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.		