SAFETY DATA SHEETS

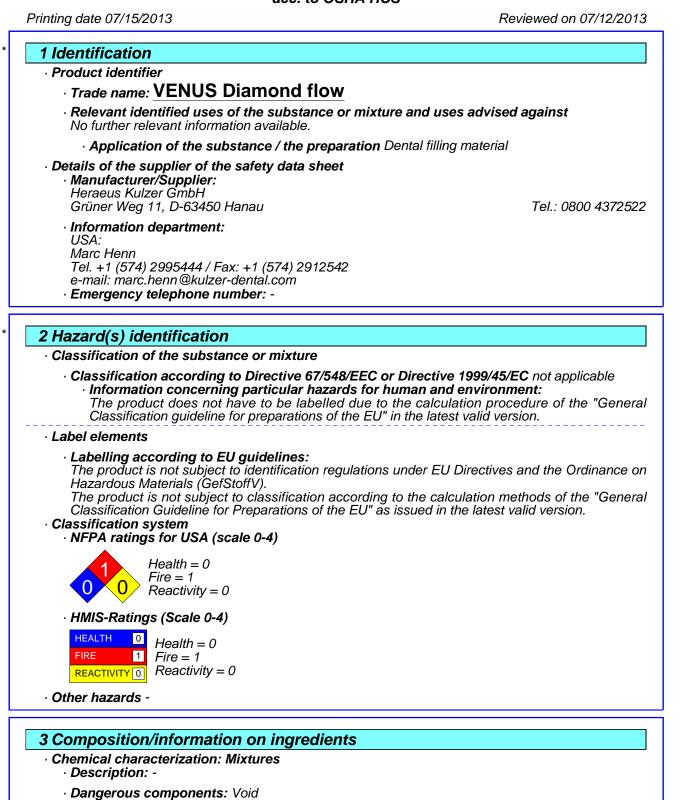
This SDS packet was issued with item: 074567145

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

074565271 074565339 074565347 074565354 074567004 074567012 074567020 074567038 074567046 074567053 074567061 074567079 074567087 074567095 074567103 074567111 074567129 074567137 074567210 074567509 074567517 074567525 074567533 074567541 074567558 074567707 074567715 074567723 074567731 074567749 273004835 273004836

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Trade name: VENUS Diamond flow

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4 First-aid measures

Description of first aid measures

- General information No special measures required.
- · After inhalation Supply fresh air; consult doctor in case of complaints.
- · 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 Rinse out mouth and then drink plenty of water.
- · Information for doctor
 - Most important symptoms and effects, both acute and delayed No further relevant information available.
 - · Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

Suitable extinguishing agents

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- Use fire fighting measures that suit the environment.
- · Special hazards arising from the substance or mixture No further relevant information available. Advice for firefighters
- Protective equipment: No special measures required.
- · Additional information -

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

- · Environmental precautions: No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections
- See Section 13 for disposal information.
- See Section 8 for information on personal protection equipment.

7 Handling and storage

- · Handling
 - · Precautions for safe handling No special measures required.
 - Information about protection against explosions and fires: No special measures required.

· 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:

 - Store in dry conditions. Keep cool, if possible (not above 25 °C).

· Specific end use(s) No further relevant information available.

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Safety Data Sheet acc. to OSHA HCS

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Trade name: VENUS Diamond flow

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	onal protection
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Control parameters Components with limit va	lues that require monitoring at the workplace:
he manifered at the workel	ain any relevant quantities of materials with critical values that have
be monitored at the workpla	
	: The lists that were valid during the creation were used as basis.
 Exposure controls 	
Personal protective equip	oment
· General protective and	d hygienic measures
The usual precautionary	/ measures for handling chemicals should be followed.
· Breathing equipment:	
· Protection of hands:	
The glove material has	to be impermeable and resistant to the product/ the substance/ th
preparation.	
	naterial on consideration of the penetration times, rates of diffusion an
the degradation	
· Penetration time of	glove material
The exact break tro	ugh time has to be found out by the manufacturer of the protectiv
gloves and has to be	observed.
	nt contact of a maximum of 15 minutes gloves made of th
following materials	
PVC or PE gloves	
Natural rubber, NR	
· Eye protection:	
Protective goggles are r	recommended
Not absolutely necessar	
Not absolutely necessar	ry.
	ry. weight protective clothing
• Body protection: Light 9 Physical and chemical	ry. weight protective clothing properties
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10 Stability and reactivity

- · Possibility of hazardous reactions No dangerous reactions known
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: none
- · Additional information: -

11 Toxicological information

- · Information on toxicological effects
 - Acute toxicity:
 - · Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: No irritating effect.
 - · Sensitization: No sensitizing effects known.
 - Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful

effects according to our experience and the information provided to us.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

7631-86-9 silicon dioxide, chemically prepared

Butyl-hydroxy-toluol

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- · Toxicity
 - Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
 - · Bioaccumulative potential No further relevant information available.
 - · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes: Avoid transfer into the environment.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

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

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14 Transport information		
· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
• DOT, ADR, ADN, IMDG, IATA • Class	Void	
· Packing group · DOT, ADR, IMDG, IATA	Void	
• Environmental hazards: • Marine pollutant:	No	
· Special precautions for user	Not applicable.	
 Transport in bulk according to Annex MARPOL73/78 and the IBC Code 	(Il of Not applicable.	
· Transport/Additional information:	-	

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
 SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act) Medical devices are exempted from TSCA.

· Cancerogenity categories

· TLV (Threshold Limit Value established by ACGIH)

Butyl-hydroxy-toluol

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. • **Department issuing MSDS:** Safety department

· Contact:

Dr. Thiele Tel.: (+49) 6181 35-3012 email: ruediger.thiele@heraeus.com

Frau Kampe 07621 907-233

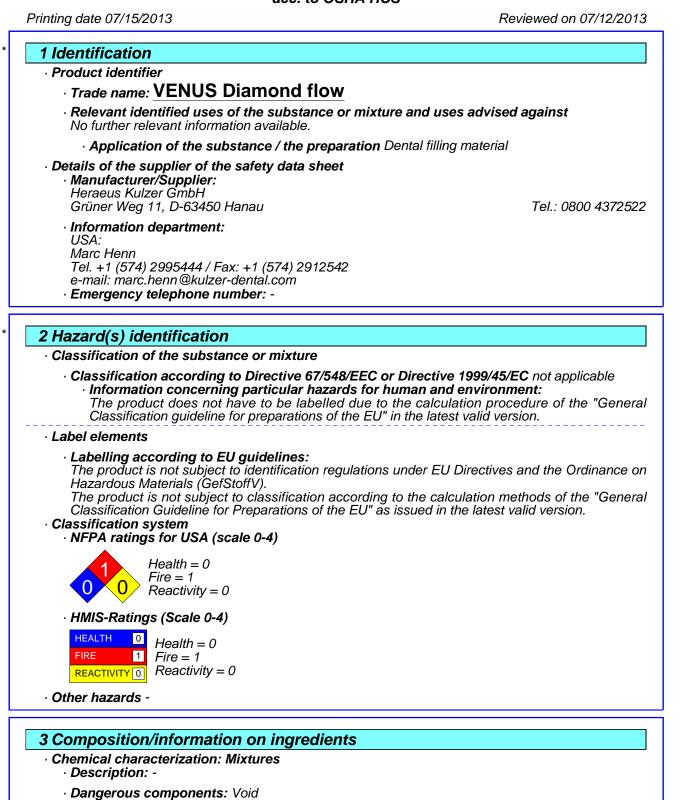
* * Data compared to the previous version altered.

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· Specific end use(s) No further relevant information available.

(Contd. on page 3)

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10 Stability and reactivity

- · Possibility of hazardous reactions No dangerous reactions known
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: none
- · Additional information: -

11 Toxicological information

- · Information on toxicological effects
 - Acute toxicity:
 - · Primary irritant effect:
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 - · Mobility in soil No further relevant information available.
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13 Disposal considerations

- Waste treatment methods
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14 Transport information		
· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
• DOT, ADR, ADN, IMDG, IATA • Class	Void	
· Packing group · DOT, ADR, IMDG, IATA	Void	
• Environmental hazards: • Marine pollutant:	No	
· Special precautions for user	Not applicable.	
 Transport in bulk according to Annex MARPOL73/78 and the IBC Code 	(Il of Not applicable.	
· Transport/Additional information:	-	

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
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· Contact:

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USA

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