

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### ACUTE TOXICITY:

##### PRIMARY IRRITATION:

Skin: No irritating effect

Eye: No irritating effect

**Additional toxicological information:** When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

#### SECTION 12: ECOLOGICAL INFORMATION

**General information:** Avoid transfer into environment

**Classification of water endangerment:** WGK 1 (German regulation)  
slightly hazardous for water

#### SECTION 13: DISPOSAL CONSIDERATIONS

##### PRODUCT:

**Recommendation:** Small quantities can be disposed of with household waste. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

##### UNCLEANED PACKAGING:

**Recommendation:** Disposal must be made according to official regulations.

#### SECTION 14: TRANSPORT INFORMATION

**Land transport ADR, RID:** Not subject to transport regulations

**Maritime transport: IMDG-Code:** Not subject to transport regulations

**Air transport ICAO-TI/IATA-DGR:** Not subject to transport regulations

#### SECTION 15: REGULATORY INFORMATION

**Classification according to EC-guidelines:** The product is a medical device according to Regulation (EU) 93/42/EEC.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### SECTION 16: OTHER INFORMATION

**Changes compared with the previous version:** Adaptation according to 1907/2006/EG, Article 31

**Prepared by:** Peter G. Jordan


The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

N/D: NOT DETERMINED    N/A: NOT APPLICABLE

 **Clinician's Choice**<sup>®</sup>

# Affinity<sup>™</sup>

Hydroactive Impression Material

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## SAFETY DATA SHEET

### SECTION 1: MATERIAL IDENTIFICATION & INFORMATION

**MATERIAL NAME:** Affinity™ V.P.S.

**USE OR PREPARATION:** Impression Material

**COMPANY:**

First Scientific Dental Materials GmbH  
25335 Elmshorn, Germany

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### SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

Classification according to Regulation (EC) 1272/2008: Void

Information concerning particular hazards for human and environment:  
The product does not have to be labeled due to the calculation procedure of the "General classification guideline for preparations of the EU" in the latest valid version.

**LABEL ELEMENTS:**

Labeling according to Regulation (EC) 1272/2008: Void

Labeling according to EU guidelines: Medical devices as defined in Regulation (EU) 2017/745 and which are invasive or used in direct physical contact with the human body; are exempted from the provisions of Regulation (EC) No. 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

**OTHER HAZARDS**

**RESULTS OF PBT AND VPVB ASSESSMENT**

PBT: Not applicable

vPvB: Not applicable

### SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

**CHEMICAL CHARACTERIZATION:**

Description: Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane and silica

Hazardous components: None

### SECTION 4: FIRST AID MEASURES

**General information:** No special measures required

**After skin contact:** Wash with plenty of water and soap

**After eye contact:** Rinse with plenty of water and consult a doctor

**After swallowing:** If symptoms persist consult a doctor

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media:** CO<sub>2</sub>, water

**Protective equipment:** No special measures required

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Not required

**Environmental precautions:** No special measures required

**Methods for cleaning up:** Pick up mechanically

**Additional information:** None

### SECTION 7: HANDLING AND STORAGE

**HANDLING:**

**Information for safe handling:** For dental use only. No special measures required.

**Recommendation for fire and explosion protection:** No special measures required

**STORAGE:**

**Requirements at storerooms and containers:** No special measures required

**Requirements for storage with other products:** Not required

**Further information on storage conditions:** None

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with limits of values to be supervised 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.

**PERSONAL PROTECTIVE EQUIPMENT:**

**General measures of protection and hygiene:** Normal hygienic measures

**Respiratory protection:** Not required

**Protection of hands:** Not required

**Eye protection:** Not required

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:**

**Form:** Paste

**Color:** Different

**Odor:** Odorless

**INFORMATION ON CHANGE**

IN THE PHYSICAL STATE	Value	Unit	Method
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Melting point/melting range:	n.a.	°C	
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Boiling point/boiling range:	n.a.	°C	
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Flash point:	n.a.	°C	
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Autoignition temperature:	n.a.		
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Danger of explosion:	none		
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**Density:**

Heavy Body RS/FS	1,46	(20°C)	g/cm <sup>3</sup>
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InFlex RS/FS	1,49	(20°C)	g/cm <sup>3</sup>
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Light Body HF RS/FS	1,24	(20°C)	g/cm <sup>3</sup>
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Quick Bite	1,52	(20°C)	g/cm <sup>3</sup>
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Vapor pressure:	n.a.		mbar
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**Viscosity:** paste

**pH:** neutral

**Solubility in/miscibility with:** Partially soluble in toluene, petrol ether insoluble

**Water:** insoluble

**Content of solvents:** none

**Organic solvents:** -----

**Water:** -----

**Content of solids:** n.a.

### SECTION 10: STABILITY AND REACTIVITY

**Conditions to avoid:** No decomposition if used according to specification

**Hazardous decomposition products:** None under normal conditions of storage and use