

01. Identification of the substance / preparation and of the company

Product:	betasil® VARIO PUTTY / PUTTY SOFT base / catalyst
Registration number:	not applicable
Use / Method of operation:	see product information / instructions for use
Identified use:	Medical device, dental impression material
Company:	Müller-Omicron GmbH & Co. KG Schlosserstraße 1 51789 Lindlar / GERMANY
Phone:	0049 (0) 2266-4742-0
Fax:	0049 (0) 2266-3417
eMail:	info@mueller-omicron.de
Homepage:	www.mueller-omicron.de
Emergency phone:	0049 (0) 2266-4742-0 (8:00 – 17:00)
Responsible:	vschr@omicron-dental.de

02. Hazards identification

Physico-chemical hazards:	No particular hazard known.
Human health dangers:	No particular hazard known.
Environmental hazards:	No particular hazard known.
Other hazards:	none
Hazard symbols :	none
R-phrases:	none

03. Composition / Information on ingredients

Description:	Two-part polyvinylsiloxane-based dental impression material, comprising a base-component and matching catalyst-component.
Hazardous Ingredients:	not applicable

04. First aid measures

General information:	none
Inhalation:	not applicable
Skin contact:	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	Supply with medical care. Rinse out mouth and give plenty of water to drink.
Advice to doctor:	Treat symptomatically.

05. Fire-fighting measures

Suitable extinguishing media:	Foam. Water spray jet. Carbon dioxide. Dry powder.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products:	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters:	Use self-contained breathing apparatus.

Additional information:	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
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06. Accidental release measures

Personal precautions:	Forms slippery surfaces with water
Environmental precautions:	Do not discharge into the drains / surface waters / groundwater.
Methods for cleaning up:	Take up mechanically. Dispose of absorbed material in accordance within the regulations.

07. Handling and storage

Advice on safe handling:	No special measures necessary if used correctly.
Advice on protection against fire and explosion:	No special measures necessary.
Requirements for storage rooms and vessels:	Keep only in original container.
Advice on storage compatibility:	No special measures necessary.
Further information on storage conditions:	Keep container tightly closed.

08. Exposure controls / personal protection

Additional advice on system design:	not applicable
Ingredients with occupational exposure limits to be monitored:	not applicable
Respiratory protection:	not applicable
Hand protection:	butyl rubber, > 120 min (EN 374)
Eye protection:	not applicable
Skin protection:	none
General protective measures:	Avoid contact with eyes.
Hygiene measures:	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environment exposition:	not determined

09. Physical and chemical properties

Appearance:	putty	Density at 23°C [g/ml]:	1,62 – 1,66
Color:	Base: different Catalyst: whitish	Evaporation speed:	not determined
Odor:	Base: mint aroma Catalyst: characteristic	Vapour pressure [kPa]:	not determined
pH-value:	not applicable	Viscosity [mPas]:	not determined
Boiling point [°C]:	not determined	Solubility in water:	immiscible
Flash point [°C]:	not determined	Oxidizing properties:	no
Flammability:	not determined	Melting point [°C]:	not determined
Upper explosion limit:	not applicable	Autoignition temperature:	not determined
Lower explosion limit:	not applicable	Decomposition temperature:	not determined

10. Stability and reactivity

Hazardous reactions:	No hazardous reactions known.
Hazardous decomposition products:	No hazardous decomposition products known.

11. Toxicological information

Acute toxicity oral / dermal / inhalational:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin :	not determined
Sensitization:	not determined
Subacute / Chronic toxicity:	not determined
CMR-activity	not determined
Experiences made in practice:	none.
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

12. Ecological information

Fish / Daphnia / Bacteria toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Biological degradability:	not determined
Chemical (COD) / Biochemical (BOD 5) oxygen demand:	not determined
AOX-advice:	No dangerous components.
2006/11/EC:	not determined
General information:	Ecological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

13. Disposal considerations

Product:	For recycling, consult manufacturer. Coordinate disposal with the authorities if necessary.
Contaminated packaging:	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended):	070799

14. Transport information

Classification according to ADR:

Classification according to ADR:	no dangerous goods
- Classification Code:	-
- Label:	-
- ADR LQ	-
- ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code): -

Classification according to IMDG:

Classification according to	not classified as « Dangerous Goods »
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IMDG:	
- EMS:	-
- Label:	-
IMDG LQ:	-

Classification according to IATA:

Classification according to IATA:	not classified as « Dangerous Goods »
- Label:	-

15. Regulatory information

Exposure scenario:	not determined
Chemical safety report:	not determined
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	Safety data sheet available for professional user on request.
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT- REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).
NATIONAL REGULATIONS:	EH40/2005 Workplace exposure limits with amendments October 2007

16. Other informations

R-phrases (Chapter 03):	not applicable
Observe employment restrictions for people:	not applicable
VOC (1999/13/CE):	not determined
Customs tariff:	not determined

Disclaimer: 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.