



1. <u>Product identification/preparation/company undertaking</u>						
Product details:						
Product no.:	81950					
Trade name:	BISICO Temp S Flüssigkeit					
Trade number:	03120, 12520					
Application of the substance / the preparation	Dental provisoric resin					
Manufacturer/supplier:	BISICO Bielefelder Dentsilicone GmbH & Co. KG Johanneswerkstraße 3 D-33611 Bielefeld					
Emergency information:	Tel.: +49 521 8016800 Fax: +49 521 8016801					
2. <u>Hazards identification</u>						
Risk identification:						
Special risks for human beings and environment:	 Xi = Irritant					
Classification:	Classification corresponds to actual EEC guidelines, however completed with details from technical literature and company data.					
3. <u>Composition/Information of Ingredients</u>						
Chemical characterization:	Monomers of butyl methacrylate					
Description:						
Hazardous components:						
EINECS / ELINCS-No.	CAS-No.	Material	Content % from to	Warning Label (EC) Symbol	R-Phrases	Description
97-88-1		Butyl methacrylate	100,0	 Xi irritant	10-36 37 38-43	Flammable. Irritating to eyes respiratory system and skin May cause sensitisation by skin contact
4. <u>First-aid measures</u>						
General information:						
After skin contact:	Wash with plenty of water and soap					
After eye contact:	Rinse with plenty of water for 15 minutes with the eyelids held wide open and consult an eye specialist					
After swallowing:	Seek medical advice immediately. Dilute with plenty of water and induce vomiting, but never give anything to an unconscious person					
After inhalation:	Remove to fresh air. If breathing have stopped give oxygen. Get medical help if discomfort persists					
5. <u>Fire fighting measures</u>						
Extinguishing media:	CO ₂ , foam, dry chemical					
Extinguishing media which must not be used for safety reasons:	Water					
Special protective equipment for fire fighting:	In case of fire of large amounts: Do not stay in dangerous zone without self-containing breathing apparatus. Prevent fire-fighting water from entering surface water or groundwater.					

6. <u>Accidental release measures</u>	
Personal precautions:	Do not inhale vapours or aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.
Environmental precautions:	
Methods for cleaning up:	Wipe out with liquid-absorbent material. Forward for disposal. Clean up affected area.
Additional information:	Do not allow to enter sewerage system
7. <u>Handling and storage</u>	
Handling:	
Handling procedures:	Keep away from sources of ignition.
Recommendation for fire and explosion protection:	Take measures to prevent electrostatic charges
Storage:	At +15-+25°C. Do not store about 35 °C. Keep tightly closed in a well ventilated place.
Requirements at storerooms and containers:	No sources of ignition and heat.
Requirements for storage with other products:	
Additional storage conditions:	
Storage classification:	
VBF-classification:	
8. <u>Exposure controls/personal protection</u>	
Additional information for technical plants:	
Components with limits of values to be supervised at the workplace:	
CAS-Nr. _____	Name _____ art _____ value _____ unit _____
EC-value/cat _____	Risk of sensitization _____
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.	
Additional information:	
Personal protective Equipment:	Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.
General measures of protection and hygiene:	Normal hygienic measures
Respiration:	Required, when vapours/aerosols are generated
Hands:	Required
Eyes:	Required

9. Physical and chemical properties**Appearance**

Form: Liquid
Colour: Colourless liquid
Odour: Fruity smell

	Value	Unit	Method
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Information on change in the physical state

Melting point/melting range:	-75	°C	
Boiling point/boiling range:	163	°C (1013hPa)	
Flash point:	49	°C	DIN 51755
Autoignition temperature:	ca. 300	°C	DIN 51794
Danger of explosion:	Not available		
Density:	0.89	g/cm ³ (20°C)	
Vapour pressure:	5.0	hPa (20°C)	
Viscosity:	1.1	mPa*s (20°C)	
pH:	Not available		
Solubility in/miscibility with:	Soluble in organic solvents		
Water:	0.3%		
Content of solvents:			
Organic solvents:	None		
Water:	None		
Content of solids:	None		

10. Stability and reactivity**Incompatibility with other substances:**

Hazardous discomposition products: Development of hazardous combustion gases or vapours in the event of fire

11. Toxicological information

Acute toxicity: LD₅₀ 11300 mg/kg (dermal rabbit)
22600 mg/kg (rat oral)

Primary irritation:

Skin: Irritating





Eye: Irritating




Inhalation: Allergic reactions are possible

Ingestion: During the long period of use as liquid component -even in small quantities in the dental laboratory for creating temporary crowns&bridges based on liquid-powder system- no health diseases are reported.

Sensitization of product: Irritating

Additional toxicological information: Irritating

12. <u>Ecological information</u>	
General information:	
Classification of water endangerment:	WGK=1 (self estimated)
13. <u>Disposal consideration</u>	
Product:	
Recommendation:	Use proper landfill disposal or incineration in accordance with local, state and federal regulations
Disposal key number:	
Uncleaned packaging:	
Recommendation:	
14. <u>Transport information</u>	
Land transport ADR/RID and GGVs/GGVE (Germany):	ADR, RID UN 2227 N-BUTYLMETHACRYLAT, STABILISIERT, 3, III
Road ADR:	 Xi, Irritating to skin
Valuation:	Hazardous product
Class:	3
Packaging Group:	III
UN no:	2227
Proper Shipping Name:	N-BUTYLMETHACRYLATE, stabilisated
Railway RID:	 Xi, Irritating to skin
Valuation:	Hazardous product
Class:	3
Packaging Group:	III
UN no:	2227
Transport by sea GGVSee/IMDG-Code:	 Xi, Irritating to skin
Valuation:	Hazardous product
Class:	3
Packaging Group:	III
UN no:	2227
Proper Shipping Name:	N-BUTYLMETHACRYLATE, stabilisated
Marine Pollutant:	no
Air transport ICAO-TI/IATA-DGR:	 Xi, Irritating to skin
Valuation:	Hazardous product
Class:	3
Packaging Group:	III
UN no:	2227
Proper Shipping Name:	N-BUTYLMETHACRYLATE, stabilisated

Postal and courier service:	German postal dispatch: 300ccm per container / 6000ccm per package																
15. <u>Regulatory information</u>																	
Classification according to EEC-guidelines:	<table> <tr> <td></td> <td>X_n</td> <td>=</td> <td>irritant</td> </tr> <tr> <td>R</td> <td></td> <td>=</td> <td>10-36/37/48-43</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Flammable. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact</td> </tr> <tr> <td>S</td> <td></td> <td>=</td> <td>----</td> </tr> </table>		X _n	=	irritant	R		=	10-36/37/48-43				Flammable. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact	S		=	----
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National Prescriptions: Classification according to VbF:																	
16. <u>Other information:</u>																	
<p>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.</p>																	