

<p>1. <u>Product identification/preparation/company undertaking</u></p> <p>Product details:</p> <p>Product no.: 82050</p> <p>Trade name: Bisico E-Cem DC</p> <p>Trade number: 75340</p> <p>Application of the substance / the preparation: Selfetching permanent cement</p> <p>Manufacturer/supplier: BISICO Bielefelder Dentsilicone GmbH & Co. KG Johanneswerkstraße 3 D-33611 Bielefeld</p> <p>Emergency information: Tel.: +49 521 8016800 Fax: +49 521 8016801</p>										
<p>2. <u>Hazards identification</u></p> <p>Risk identification:</p> <p>Special risks for human beings and environment: Irritating eyes, respiration, skin.</p> <p>Classification: classification corresponds to actual ECguidelines, however completed with detailsfrom technical literature and company data.</p>										
<p>3. <u>Composition/Information of Ingredients</u></p> <p>Chemical characterization: Mixture of dimethacrylates, glass powder, fumed silica, phosphoric esters, catalysts, stabilizer, pigments</p> <p>Description:</p> <p>Hazardous components: None</p> <table border="0"> <tr> <td><u>CAS-Nr.:</u></td> <td><u>Name</u></td> <td><u>R-classification</u></td> </tr> <tr> <td></td> <td>Methacrylates</td> <td>Xi R36/37/38</td> </tr> <tr> <td></td> <td>Phosphoric ester</td> <td>Xi R36/37/38</td> </tr> </table>		<u>CAS-Nr.:</u>	<u>Name</u>	<u>R-classification</u>		Methacrylates	Xi R36/37/38		Phosphoric ester	Xi R36/37/38
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	Methacrylates	Xi R36/37/38								
	Phosphoric ester	Xi R36/37/38								
<p>4. <u>First-aid measures</u></p> <p>General information:</p> <p>After skin contact: Wash with plenty of water and soap</p> <p>After eye contact: Rinse with plenty of water and consult a physician</p> <p>After swallowing: Seek medical advice immediately</p> <p>After inhalation:</p>										
<p>5. <u>Fire fighting measures</u></p> <p>Extinguishing media: dry chemical foam, carbon dioxide, water</p> <p>Extinguishing media which must not be used for safety reasons:</p> <p>Special protective equipment for fire fighting:</p>										

6. <u>Accidental release measures</u>	
Personal precautions:	
Environmental precautions:	Do not allow to enter drains or groundwater.
Methods for cleaning up:	Take up dry and forward for disposal. Clean upaffected area.
Additional information:	
7. <u>Handling and storage</u>	
Handling:	This product should only be supplied orhandled to dentists, dental technicians or upontheir instructions.
Handling procedures:	Normal hygienic measures
Recommendation for fire and explosion protection:	
Storage:	store at dry place, at room temperature,protected from light
Requirements at storerooms and containers:	
Requirements for storage with other products:	store away from food stuffs
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:	
<u>CAS-Nr.</u>	<u>Name</u> <u>art</u> <u>value</u> <u>unit</u>
The product contains no relevant quantities of components with limits of values to besupervised at the workplace.	
Additional information:	
Personal protective equipment:	Not necessary
General measures of Protection and hygiene:	Normal hygienic measures
Respiration:	
Hands:	wear gloves
Eyes:	wear eye glasses

9. <u>Physical and chemical properties</u>			
Appearance			
Form:	Paste		
Colour:	different		
Odour:	odourless		
	Value	Unit	Method
Information on change in the physical state			
Melting point/melting range:	n.a.		
Boiling point/boiling range:	n.a.		
Flash point:	n.a.		
Autoignition temperature:	n.a.		
Danger of explosion:	None		
Density:	1.76	g/cm ³	
Vapour pressure:	n.a.		
Viscosity:	flowable		
pH:	Approx 2		
Solubility in/miscibility with:	slightly in toluene, organic solvents		
Water:	Insoluble		
Content of solvents:	none		
Organic solvents:	none		
Water:	none		
Content of solids:	n.a.		
10. <u>Stability and reactivity</u>			
	avoid heat, direct sunlight		
Incompatibility with other substances:	Peroxides, metal powders, strong oxidizers, free radical initiators		
Hazardous decomposition products:	not known		
11. <u>Toxicological information</u>			
	Allergic reactions to methacrylates by chronic exposure to the product are possible.		
Acute toxicity:			
Primary irritation:			
Skin:	Slight irritations. Risk of skin sensitization.		
Eye:	Strong irritant		
Inhalation:			
Ingestion:			
Sensitization of product:	Allergic reactions to methacrylates possible after often exposition		
Additional toxicological information:	When used and handled according to the specifications, the product does not have any harmful effects to our experience and the information provided to us.		

12. <u>Ecological information</u>	
General information:	No data knowDo not rinse it in the groundwater or municipalwater systemn
Classification of water endangerment:	WGK=1 (slightly polluting substance).
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:	Handle contaminated packaging in the same way as the substance itself.
Recommendation:	
14. <u>Transport information</u>	
Land transport ADR/RID and GGVS/GGVE (Germany):	No dangerous good in sense of these transport regulations.
Sea transport IMDG:	No dangerous good in sense of these transport regulations.
Air transport ICAO-TI and IATA-DGR:	No dangerous good in sense of these transport regulations.
15. <u>Regulatory information</u>	
Classification according to EEC-guidelines:	Xi Irritating R36/37/38 Irritating to eyes, respiratory system and skin.
National Prescriptions:	
Classification according to VbF:	n.a.
16. <u>Other information:</u>	
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.	