

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING 1.1 Product identifier Trade name X-RAY CAD-CAM DISC 1.2 Relevant identifier uses of the substance or mixture and uses advised against Recommended use Discs are used for fabrication of diagnostic stents on dental milling machines. Diagnostic stents are used for correct implant positioning planning on the basis of the analysis of the radiographs or within 3D planning software. 1.3 Details of the supplier of the Safety Data Sheet Manufacturer/supplier Polident d.o.o., Dental Products Industry Volčja Draga 42, 5293 Volčja Draga, Slovenija Tel.:00386 5 3304840, Fax: 00386 5 3304870 E-mail: polident@polident.si Information provided by 00386 5 3304859 1.4 Emergency telephone number 00386 5 3304840	
2. HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture Classification according to Regulation 1272/2008/EC: Not applicable 2.2 Label elements Labelling according to Regulation 1272/2008/EC: Not applicable 2.3 Other hazards None. Results of PBT and vPvB assessment: Not applicable.	
3. COMPOSITION/INFORMATION ON INGREDIENTS 3.1 Chemical characterization: Mixtures Description Material based on polymethylmethacrylate with barium sulfate. Hazardous ingredients according to Regulation 1272/2008/EC: Not applicable	
4. FIRST AID MEASURES 4.1 Description of first aid measures General information No special measures required. Inhalation Remove the casualty into fresh air. In case of complaints get medical advice. Skin contact Wash off with water and soap. Consult a physician if irritation persists. Eye contact Rinse eye with plenty of water if it is necessary seek medical attention: only mechanical effect. Ingestion Wash out mouth with water and drink water. In case of complaints get medical advice.	

4.2	Most important symptoms and effects, both acute and delayed None known.
4.3	Indication of any immediate medical attention and special treatment needed Treat symptomatically.
5.	FIRE – FIGHTING MEASURES
5.1	Extinguishing media Suitable extinguishing media Water, foam, dry powder, carbon dioxide. Unsuitable extinguishing media for safety reasons None.
5.2	Special hazards arising from the substance or mixture None.
5.3	Advice for firefighters Wear self-contained breathing apparatus.
6.	ACCIDENTAL RELEASE MEASURES
6.1	Personal precautions, protective equipment and emergency procedures Not required.
6.2	Environmental precautions No special measures required.
6.3	Methods and material for containment and cleaning up Pick up mechanically. Dispose of in accordance with regulations.
6.4	Reference to other sections For information on safe handling see Section 7. For information on personal protection equipment see Section 8. For information on disposal information see section 13.
7.	HANDLING AND STORAGE
7.1	Precautions for safe handling Safe handling advice Only adequate trained persons may deal with product. For use in dentistry only. Keep away from children. Ensure the area is well ventilated. No eating, drinking or smoking during handling with product. Follow the usual good standards of occupational hygiene. Information on fire and explosion protection No special measures required.
7.2	Conditions for safe storage, including any incompatibilities Storage Requirements for storage areas Keep in dry storage.
7.3	Specific end use(s) None.
8.	EXPOSURE CONTROLS /PERSONAL PROTECTION
8.1	Control parameters Ingredients with limit values that require monitoring at the workplace The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
8.2	Exposure controls General protective measures Provide adequate ventilation. Hygiene measures Follow the usual good standards of occupational hygiene and dental practise.
	Respiratory protection Avoid contact with powder generated by final working.

	<p>Wear respiratory protective device in case of dust formation.</p> <p>Hand protection Not required.</p> <p>Eye protection Wear safety goggles during mechanical processing.</p>
9.	PHYSICAL AND CHEMICAL PROPERTIES
9.1	<p>Information on basic physical and chemical properties</p> <p>Appearance: Form: firm disc Colour: white Odour: odourless Changes in condition: / Melting point: Undetermined Boiling point: Undetermined Flash point: >250°C Ignition temperature: not applicable Lower explosion limit: not determined Upper explosion limit: not determined Vapour pressure: not applicable Density: not applicable Viscosity (dynamic): not applicable Solubility in water: insoluble pH – value: not applicable</p>
9.2	<p>Other information None.</p>
10.	STABILITY AND REACTIVITY
10.1	<p>Reactivity No relevant information available.</p>
10.2	<p>Chemical stability The product is stable under normal handling and storage conditions.</p>
10.3	<p>Possibility of hazardous reactions No hazardous reactions known.</p>
10.4	<p>Conditions to avoid Decompositions begins at appr. 250°C.</p>
10.5	<p>Incompatible materials No relevant information available.</p>
10.6	<p>Hazardous decomposition products None when used as prescribed. May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition.</p>
11.	TOXICOLOGICAL INFORMATION
	11.1 Information on toxicological effects
	<p>Acute oral toxicity No toxicating effects known.</p> <p>Irritation No irritating effects known.</p> <p>Sensitization No sensitizing effects known.</p>
12.	ECOLOGICAL INFORMATION
12.1	<p>Toxicity Hazardous to the aquatic environment: No further relevant information available, no evidence for hazardous properties</p>
12.2	<p>Persistence and degradability: No further relevant information available, no evidence for hazardous properties</p>

12.3	Bioaccumulative potential: No further relevant information available, no evidence for hazardous properties
12.4	Mobility in soil: No further relevant information available, no evidence for hazardous properties
12.5	Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.
12.6	Other adverse effects: No further relevant information available.
13.	DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods Product: Disposal should be made in accordance with local, state and national legislation. Uncleaned packaging: Disposal should be made in accordance with local, state and national legislation. Code of waste EWC: 18 01 07
14.	TRANSPORT INFORMATION
14.1	UN Number: see section 14.2
14.2	UN proper shipping name Land transport ADR: Not dangerous according to transport regulations. Land transport RID: Not dangerous according to transport regulations. Inland waterway transport ADN: Not dangerous according to transport regulations. Shipment by sea IMDG: Not dangerous according to transport regulations. Air transport ICAO/IATA: Not dangerous according to transport regulations.
14.3	Transport hazard class(es): see section 14.2
14.4	Packing group: see section 14.2
14.5	Environmental hazards: None.
14.6	Special precautions for user: see section 14.2
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: None.
14.8	Transport additional information: None.
15.	REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations Other regulations, limitations and prohibitive regulations
16.	OTHER INFORMATION This information is based on our present knowledge and experience. They are intended as a description of the products safety requirements and are not to be seen as a guarantee of certain product's features. New versions of Safety Data Sheet will be <i>laying printed</i> for the data compared to the previous version altered.