

SAFETY DATA SHEET

BENCO DENTAL BEAM POLISHERS

Printing Date: 00 Month 2021

Introductory Details
Date of preparation: 00/00/2021
Date of revision: 00/00/2021

1. IDENTIFICATION

1.1 Product Details

Product Name:	Benco Dental Beam Polishers
Trade Name:	Silicone + aluminum oxide
Chemical Name:	NA
Chemical Formula:	NA
Molar Mass:	NA
Chemical Family:	NA
Product Item Numbers / Product Descriptions:	[5816-217] Intro Kit Box of 12 [5816-253] Small Cup RA Coarse Box of 12 [5816-235] Point RA Coarse Box of 12 [5816-244] Disc RA Coarse Box of 12 [5816-306] Small Cup RA Medium Box of 12 [5816-262] Point RA Medium Box of 12 [5816-271] Disc RA Medium Box of 12 [5816-333] Small Cup RA Fine Box of 12 [5816-315] Point RA Fine Box of 12 [5816-324] Disc RA Fine Box of 12
Use:	Polishing paste

1.2 Company Identification

BENCO DENTAL
295 CenterPoint Boulevard, Pittston, PA 18640
1-800-GO-BENCO (1-800-462-3626)
www.benco.com

1.3 Emergency Contact:

CHEMTREC (24-HR Emergency Telephone), call: 1-800-424-9300 /
International CHEMTREC, call: 1-703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC:

Label elements

Classification according to 1272/2008/EC: No.

Applicable Exemptions:

Signal word(s): n.ap.

Component(s):

Hazard pictogram(s):

H - Phrases:

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2. HAZARD(S) IDENTIFICATION

P - Phrases:

Additional Markings:

None.

The above-mentioned labelling is valid for distribution to industrial user.

Other hazards

This mixture contains no substances which are assessed to be PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: n.ap.

Mixtures:

Chemical Characterization: This product does not contain any substances which are classified as dangerous or the concentration lies below the limit laid down by the law.

Dangerous Ingredients: Not identified

Material CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
Hazard Code(s) / H - phrases				

Text of H - phrases: see section 16

m% - range: $x - y \triangleq x \geq - < y$

4. FIRST-AID MEASURES

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Consult a physician for severe cases. Show this safety data sheet to the doctor in attendance.

Eye Contact: In case of eye contact, remove the contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: Wash off with warm water and soap.

Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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5. FIRE-FIGHTING MEASURES

- Extinguishing Media: Use dry chemicals, CO₂, water spray, or "alcohol" foam.
- Extinguishing Media to avoid: High volume water jet.
- Special Hazards: In the event of fire, the following can be released: Carbon oxides
Sulphur oxides.
- Special Protective Equipment: Wear positive pressure self-contained breathing apparatus.
Wear full protective clothing.
- Additional Information: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See Individual protection measures

Environmental precautions: Do not contaminate water. Do not let the product enter drains. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up: Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

Reference to other sections: None.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. When using, do not eat, drink or smoke.
Take off all contaminated clothing immediately. Wash hands before breaks and at the end of a workday.

Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

Storage Instructions:

Keep the container tightly closed in a dry and well-ventilated place.

Store away from:

Do not store together with strong oxidizing agents.

Further Information on

Storage Conditions:

None.

Specific end use(s)

n.av.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Material

Limit Value

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures

Respiration Protection: Not required under normal use.

Hand Protection: Not required under normal use.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also, take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye Protection: If splashes are likely to occur, wear: safety glasses

Skin Protection: None.

Further Information: Observe wearing time limits.

Environmental exposure controls: n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form: paste

Colour: white

Odour: pleasant

Odour threshold: n.av.

pH-value, undiluted:	n.av.	
pH-value, 1% aqueous solution:	n.av.	
Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.	
Flash point (°C):	n.ap., closed cup	
Flammability (EEC A10/A13):	No.	
Ignition temperature (°C):	n.av.	
Autoflammability (EEC A16):	None.	
Oxidising properties:	No.	
Explosion hazard:	No.	
Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
Vapour pressure:	n.av.	
Vapour density (Air = 1):	n.av.	
Density (g/ml):	n.av.	
Solubility (in Water):	slightly soluble	Soluble in:
Partition coefficient, n-Octanol / Water:	n.av.	
Viscosity:	n.av.	
Solvent content (m %):	Not relevant	
Thermal decomposition (°C):	n.av.	
Evaporation rate:	n.av.	

Other information

n.av.

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10. STABILITY AND REACTIVITY

Reactivity:	None.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reaction:	No dangerous reaction is known under conditions of normal use.
Conditions to Avoid:	No conditions to be specially mentioned.
Incompatible Materials:	Incompatible with oxidizing agents.
Hazardous Decomposition Products:	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:	NA
Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Skin corrosion / irritation:	None.
Serious eye damage / irritation:	None.
Respiratory or skin sensitisation:	None.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n.av.
STOT-repeated exposure:	n.av.
Aspiration hazard:	n.av.

Practical Experience

n.av.

Practical Experience

Observations relevant for classification: None.

Further Observations: None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

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12. ECOLOGICAL INFORMATION

Toxicity

We have no quantitative data concerning the ecological effects of this product.

Persistence and degradability

No data is available on the product itself.

Bioaccumulative potential

n.av.

Mobility in soil

n.av.

Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

Other adverse effects

COD-Value, mg/g:	n.av.
BOD5-Value, mg/g:	n.av.
AOX-Remarks:	NA.
Significant Components:	None.
Other adverse effects:	NA.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: n.av.

Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition, comply with the regional authorities.

Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise, as described under Residues.
Offer rinsed packaging material to local recycling facilities.

Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

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14. TRANSPORT INFORMATION

ADR Not a dangerous substance as defined in the above regulations.	IMDG Not a dangerous substance as defined in the above regulations.	IATA Not a dangerous substance as defined in the above regulations.
UN number		
UN proper shipping name		
Transport hazard class(es)		
Packing group		
Environmental hazards		
Special precautions for user		
Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
n.av.

Chemical safety assessment:
n.ap.

16. OTHER INFORMATION

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof Benco Dental. However, it makes no representations as to the completeness of security of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Benco Dental be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.

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