

Apparel and Luggage and Personal Care Products; UNSPSC Code: 53000000

Personal care products; UNSPSC Code: 53130000

Dental; UNSPSC Code: 53131500

Commodity-Toothpaste; UNSPSC Code: 53131502

Selling Unit : mass-gm

Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
Physical Characteristics												
1	Types	Ch	Type 1- Non-Fluoridated	Type 2- Fluoridated					√	√		
2	A toothpaste is defined as a dentifrice in the form of a smooth, semisolid, homogeneous mass containing acceptable ingredients such as abrasives/polishing agents, surface active agents, humectants, binding agent, and other appropriate substances for oral health maintenance. The product can be opaque, transparent, or combination thereof, coloured or white, packed in a suitable container from which it can be extruded in the form of a continuous mass.	Ch	Yes						√			

3	Composition	Ch	A toothpaste shall not contain mono or disaccharides, for example, sucrose or other readily fermentable carbohydrates. All the raw materials used shall conform to respective Indian Standards wherever they exist. A list of ingredients conventionally used in the manufacture of toothpaste is given in Annex A of IS: 6356 for information only.						√			
4	The dyes and pigments used in manufacture of toothpaste shall comply with the provisions of IS: 4707 (Part 1).	Ch	Yes						√			
5	Ingredients other than dyes and pigments used in formulation of toothpaste shall comply with the provisions of IS 4707 (Part 2).	Ch	Yes						√			

6	Dispensing	Ch	<p>The paste shall extrude from the collapsible tube or any other suitable container in which it is packed, at 27+/- 2°C in the form of continuous mass with the application of normal force, without the application of excessive force which would cause injury to the tube or the container. It shall be possible to extrude bulk of the contents from the container or the tube starting from the crimped end of the tube by rolling the tube gradually.</p>					√				
7	Stability	Ch	<p>The toothpaste shall not show any physical sign of deterioration during normal conditions of storage and use. When subjected to a temperature of 45 +/- 2°C for a period of 28 days the toothpaste shall meet the requirements of the standard. When cooled to a temperature of 5°C for 1 hour, after taking out and pressing tube, the paste shall be found extrudable from the tube and meet the requirement of this standard.</p>					√				
Requirements												

8	Fineness: a) Particles retained on 150 micron IS Sieve, percent by mass, max	N	10.00	1					√	√		
9	Fineness: b) Particles retained on 75 micron IS Sieve, percent by mass, max	N	2.50						√			
10	pH of aqueous suspension	N	5.5-10.5						√			
11	Heavy metals (as lead), parts per million, Max	N	20.00						√			
12	Arsenic (as As ₂ O ₃), parts per million, Max	N	2.00						√			
13	Foaming power, ml, min	N	50.00						√			
14	Available Fluoride ion, parts per million, max	N	50.0	100					√	√		
15	Microbial counts: a) Total viable counts per gram, Max	N	1000.0						√			
16	Microbial counts: b) Gram negative pathogens per gram, Max	N	Absent						√			
General Requirements												

17	Packaging Material Inertness	Ch	The collapsible tubes or any other suitable container used for packaging of toothpaste shall not corrode, deteriorate or cause contamination of the toothpaste during normal condition of storage and use. When subjected to a temperature of 45 +/- 2°C for 10 days, the paste shall then be examined visually by extruding part of the contents. The internal surface of the tube shall be examined after slitting it open and removing the remaining contents. There should be no sign of corrosion, chemical attack or other damage.							√			
18	All the ingredients that go into formulation of cosmetics shall comply with the provisions of IS 4707 (Part 1) and IS 4707 (Part 2). The product shall also meet specific requirements as given in the standard.	Ch	Yes							√			
19	The product package shall display a list of key ingredients in descending order of quantity present.	Ch	Yes							√			
20	The product shall not be manufactured from any carcinogenic ingredients.	Ch	Yes							√			

21	<p>The manufacturer shall produce to BIS environmental consent clearance from the concerned State Pollution Control Board as per the provisions of the Water (Prevention and Control of Pollution) Cess Act, 1977 and the Air (Prevention and Control Pollution) Act, 1981 along with the authorization, if required under the Environment (Protection) Act, 1986 and the Rules made thereunder, while applying for ECO-Mark. Additionally, provisions of the Drugs and Cosmetics Act, 1940 and the Rules thereunder shall also be complied with.</p>	Ch	Yes						√			
22	<p>Specific Requirements</p>	Ch	<p>Heavy metals calculated as lead (Pb) and arsenic (As₂O₃) shall not exceed 20 and 2 ppm, respectively when tested by the respective method prescribed in Indian Standards.</p>						√			

26	The material for product packaging shall meet the parameters evolved under the scheme of labelling environment friendly packaging/packaging materials.	Ch	Yes						v			
27	Packing size (in gm)	Ch	Text					gm	v	v		
Marking												

28	<p>The tubes and the cartons shall be legibly marked with the following information:</p> <p>a) Name and type of toothpaste; b) Name and address of the manufacturer; c) Net mass or volume of the material in the tube; d) Batch number, in code or otherwise; e) Month and year of manufacture; f) Fluoride ion content in ppm for Type 2 toothpaste; g) Expiry date or 'Best use before. . . ' (month and year to be declared by the manufacturer); NOrE — This requirement is exempted in case of pack sizes of 10g/25ml or less and if the shelf life of the product is more than 24 months. h) Foaming/non-foaming; and i) List of key ingredients. NOTE — This is exempted in case of pack sizes of</p>	Ch	Yes				v			
----	--	----	-----	--	--	--	---	--	--	--

29	<p>The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 1986 and the Rules and Regulations made thereunder.</p> <p>The details of conditions under which the licence for the use of the Standard Mark may be granted to manufacturers or producers maybe obtained from the Bureau of Indian Standards.</p>	Ch	Yes					v				
30	<p>If the product is covered under ECO-Mark (optional), it shall be suitably marked with ECO-Mark logo besides Standard Mark. The label may clearly specify that ECO-Mark is applicable to the contents or the package or both, as the case may be. If the product package is not separately covered under ECOMark scheme, it shall be clearly mentioned on the product that ECO-Mark label is applicable to contents only.</p>											
Shelf Life												

31	Shelf Life shall be declared by the manufacturer for all types of toothpaste. Manufacturing date (month and year) should be mentioned on tube and carton. The expiry date or 'Best use before' shall be mentioned on the tube and carton. During the shelf life the product will meet the requirement of the standard.	Ch	Yes							√		
Certification												
32	Conformity to BIS specifications IS: 6356 (Latest)	Ch	Yes							√		
33	BIS License number, if ISI Marked	Ch	Text	NA						√	√	
34	Whether ISI marked	Ch	Yes	No						√	√	
Test Report Details												
35	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No						√	√	
36	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA						√	√	