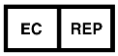
ULTIMATE DENTAL
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MATERIAL SAFETY DATA SHEET

1. Product and Company Information

Common Name	Dental Impression Materials
Model Name	CharmFlex® Silicone (cartridge type, tube type) CharmFlex® Silicone (cartridge type, tube type)
Classification	class Ⅰ
Licence Number	03-1031
A Use of Product and Cautions	For Dental Use Only
Manufacturer	DENTKIST, Inc.
Address	3, Nongshim-ro, Gunpo-si, Gyeonggi-do, 435-831, Korea
TEL	+81-31-458-3232
FAX	+81-31-458-1312
WEB	http://www.dentkist.com
E-mail	dentkist@dentkist.com
Distributor	Ultimate Dental Supply
Address	660A South Rd MOORABBIN VIC 3189 Phone: 03 9532 1799 E:: info@ultimatedental.com.au
Emergency Phone	13 11 26 Poisons Hotline (24/7)
Establish Date	2003. 11. 20 (Rev. 0)
Revision Date	2022. 12. 09 (Rev. 7)

2. Hazards Identification

Classification	Non-irritation, Non-Harmfulness
Division	N/A
Caution Mark List	
	See Instruction for Use
	Storage Temperature Limits
	Do Not Use the Exceeded Expiration Date
	Manufacture Date
	LOT Number
	Manufacturer
	EC Representative

3. Composition / Information on Ingredient

Ingredients	CAS No.	%
<BASE>		
Poly(dimethylsiloxane)	68083-19-2	50~60
Silicone dioxide	112945-52-5	25~35
Calcium silicate	1344-95-2	5~15
Other Ingredients		to 100
<CATALYST>		
Poly(dimethylsiloxane)	68083-19-2	50~60
Silicone dioxide	112945-52-5	25~35
Calcuim silicate	1344-95-2	5~15
Other Ingredients		to 100

4. First Aid Measures

Skin Exposure	In case of contact with skin, wash with much amount of water for at least 10 minutes. Call a physician.
Eye Exposure	In case of contact with eyes, flush with copious amounts of water and physiological saline for at least 10 minutes. Call a physician.
Dentist Cautions	Protective device for the respiratory tract is highly recommended before use it.

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5. Fire Fighting Measures

Stability	Stable
Conditions to Avoid	Direct sunlight, Extreme heat
Hazardous Polymerization	Does not happen
Suitable Extinguishing Media	Incombustibility

6. Accidental Release Measures

Information to Protect the Human Body	Disposable gloves
Information to Protect the Environment	Throw it away after use

7. Handling and Storage

Handling	Dental specialists and the training of Clinical Dentistry, was the handle.
Storage	Keep tightly closed. Store this materials in a shady, cool and dry place(18~24 ℃ / 64~75 ℉).

8. Exposure Controls / PPE

Exposure Limits	Avoid long-term exposure to the human body.
Suitable Engineering Controls	N/A
Personal Protective Equipment	Disposable gloves

9. Physical / Chemical Properties

Form	Paste
Shade	Contrasting colour
Volume/Weight	50 ㎖
Consistency	34.25 ㎜
Mixing time	30~40 sec.
Working time	90~120 sec.
Setting time	2~4 min.
Detail reproduction	20 ㎛
Compatibility with gypsum	20 ㎛
Linear dimensional change	-0.063%
Elastic recovery	99.67%
Strain-in compression	4.12%
Boiling point	N/A
Melting point	N/A
Flash point	N/A
Freezing point	N/A

10. Stability and Reactivity

Stability	Polymerization by Mixing
Possibility	Polymerization (self-cure)
Conditions to Avoid	Direct Sunlight, Extreme heat
Materials to Avoid	N/A
Disassembling	N/A

11. Toxicological Information

Cytotoxicity	Suitability
Acute Systemic Toxicity	Suitability
Oral Mucosa Irritation	Suitability
Pyrogenicity	Suitability

12. Ecological Information

Ecology Toxicity	N/A
Residual & Resolvability	N/A
Bioconcentration	N/A
Soil Mobility	N/A
The Others	N/A

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13. Disposal Considerations

Method of Disposal of substance or Preparation	Throw it away after use
Cautions	Separate from the mixture of materials banned.

14. Transport Information

Regulatory Information	DOT, IMDG, IATA-DGR
UN Number	N/A
Proper Shipping name	N/A
Class	N/A
Packing Group	N/A
Label	N/A

15. Regulatory Information

Medical Devices Law	For dental use only
International Standard	ISO 4823, ISO 10993
More Standard	EN 980, EN 1041, EN 1641 EN 13485, EN 14971

16. Other Information

Reference	Korea Medical Devices Law, Ordinance, Regulation ISO, MSDS, DENTKIST data
Others	N/A : Not Applicable

NOTE : The Information provided in this material safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and is not to be considered a warranty or representation for which DentKist, Inc. bears legal responsibility. The Information may not be valid in any process, unless specified in the text.

CE 0197 ISO 13485 ISO 9001 GMP