

# MATERIAL SAFETY DATA SHEET

Date of issue 08/01/2018 (rev.3)

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SECTION I     PRODUCT AND MANUFACTURER INFORMATION				
Product Name		U-Cem™ Premium Base		
Application/Use		Dental Resin Cement		
Manufacturer		Vericom Co., Ltd.		
Contact Address		15, Jeonpa-ro 62beon-gil, Manan-gu, Anyang-si, Gyeonggi-do, Republic of Korea		
Emergency Phone		82-31-441-2881		
SECTION II     COMPOSITION/INFORMATION ON INGREDIENT				
Hazardous Ingredient		Concentration	CAS No.	Further Information
Barium aluminosilicate		60~70	65997-17-3	None
Bisphenol A glycidyl dimethacrylate		20~30	1656-94-2	None
Triethyleneglycol dimethacrylate		5~10	109-16-0	None
Hydroxyethyl methacrylate		2~5	868-77-9	None
SECTION III     HAZARDS IDENTIFICATION				
Immediate health, physical, and environmental hazards: May cause sensitization by skin contact. Irritating to eyes, respiratory system and skin.				
SECTION IV     FIRST AID MEASURES				
Eye Contact	Rinse immediately with plenty of water and seek medical advice.			
Skin Contact	Wash immediately with water and soap. Get medical attention.			
Ingestion	Immediately get medical attention.			
Inhalation	Move victim to fresh air. Put victim at rest and keep warm.			
SECTION V     FIRE FIGHTING MEASURES				
Extinguishing Media	Water fog, CO <sub>2</sub> , foam, dry chemical			
Unusual Fire and Explosion Hazard	Upon Combustion Irritating Gases may form			
SECTION VI     ACCIDENTAL RELEASE MEASURES				
Personal Precautions	Wear suitable protective clothing. Provide adequate ventilation			
Environmental precautions	Do not empty into drains or the aquatic environment			
Methods for cleaning up/taking up	Collect mechanically			
SECTION VII     HANDLING AND STORAGE				
Handling: Avoid dye contact. Avoid skin contact. A no-touch technique is recommended. If skin contact occurs, wash skin with soap and water. Acrylates may penetrate commonly-used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. Wash hands after handling and before eating.				
Storage: Store in a cool place.				
SECTION VIII     EXPOSURE CONTROLS/PERSONAL PROTECTION				
Respiratory Protection:	Use in good ventilated area			
Eye Protection:	Avoid eye contact. Tightly sealed safety glasses			
Hand Protection:	Latex Glove			
Skin Protection:	Avoid skin contact. Lab coat			

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SECTION IX      PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Paste	Specific Gravity	ca.1.9 [Ref Std: WATER =1]
Boiling Point	N/A	Evaporation Rate	N/A
Odor	Slight acrylate odor	Solubility in Water	Negligible
Flash Point	N/A	pH	N/A
Color	tooth colored	Evaporation rate	N/A
Vapor Pressure	N/A	Viscosity	N/A
SECTION X      STABILITY AND REACTIVITY			
Stability		Stable under normal condition of storage and use	
Material and Condition to Avoid		Heat and light	
SECTION XI      TOXICOLOGICAL INFORMATION			
Acute Toxicity	Nontoxicity		
Irritant Effects	Frequently or prolonged contact with skin may cause irritation Irritant effect on the eye		
Eye Contact	Irritant effect on the eye		
Sensitization	May cause sensitization by skin contact		
SECTION XII      ECOLOGICAL INFORMATION			
Ecotoxicological Information	No data available		
Chemical Fate Information	No data available		
SECTION XIII      DISPOSAL CONSIDERATION			
Waste Disposal Method: Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.			
Paste: Carry out a burning of hazardous waste according to official regulations. In accordance with government regulations			
SECTION XIV      TRANSPORT INFORMATION			
No hazardous material with respect to these transportation regulations.			
SECTION XV      REGULATORY INFORMATION			
Medical device directive 93/42/EEC			
Regulation of KFDA			
SECTION XVI      OTHER INFORMATION			
This MSDS is taken from raw material MSDS and manufacturer’s knowledge and experience. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.			