

MATERIAL SAFETY DATA SHEET

Date of issue 08/01/2018 (rev.5)

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SECTION I PRODUCT AND MANUFACTURER INFORMATION			
Product Name	Eco-S™		
Application/Use	Pit & Fissure Sealant		
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
	Bisphenol diglycidylmethacrylate	50 ~ 55%	1565-94-2 None
	Fumed Silica	5 ~ 9%	100402-78-6 None
	Triethylene glycol dimethacrylate	35 ~ 40%	109-16-0 None
SECTION III HAZARDS IDENTIFICATION			
Uncured material contact to skin directly may cause irritation or skin rash especially in sensitive individuals			
SECTION IV FIRST AID MEASURES			
Eye Contact	Immediately flush eye with a large amount of water, get medical attention.		
Skin Contact	Wash immediately with soap and water.		
Inhalation	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by professional.		
Ingestion	Give a large amount of water or milk, do not induce vomiting, take an antacid, and seek medical attention.		
SECTION V FIRE FIGHTING MEASURES			
Flash Point (°F)	N/A	Upper Explosion Limit	N/A Lower Explosion Limit N/A
Extinguishing Media	Water fog, CO ₂ , foam, dry chemical		
Unusual Fire and Explosion Hazard	Upon Combustion Irritating Gases may form		
SECTION VI ACIDENTAL RELEASE MEASURES			
Personal and Environmental Precautions	Not established		
Method for Cleansing	Wipe up small spills with paper towels or dry cloth. Clean remainder with alcohol		
SECTION VII HANDLING AND STORAGE			
Handling Precaution	Only by qualified staff in dental offices or laboratories		
Storage Precaution	Avoid exposure to intense light and elevated heat, store in room temperature		
SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION			
Respiratory Protection	N/A	Eye Protection	Protective glasses
Hand Protection	Latex glove	Skin Protection	Lab coat

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SECTION IX PHYSICAL/CHEMICAL PROPERTIES			
Boiling point	N/A	Physical state	Paste
Vapor Pressure	N/A	Color	White
Specific Gravity	> 1	Odor	Slight acrylic odor
Solubility in water	Insoluble	pH	N/A
SECTION X STABILITY AND REACTIVITY			
Chemical stability	Stable under normal condition of storage and use		
Hazardous polymerization	Will not occur		
Hazardous decomposition	None		
Incompatibility(Material to avoid)	Light		
SECTION XI TOXICOLOGICAL INFORMATION			
Eye effects	May be mildly irritating to eye; Symptoms may include redness, swelling, pains, tears, and fuzzy vision.		
Skin effects	Prolonged and repeated exposure may cause irritation ; Symptoms may include redness, blistering, and tissue destruction.		
Ingestion effects	Irritation of digestive tissue; Symptoms may include pain, vomiting, and sensitivity of abdomen.		
SECTION XII ECOLOGICAL INFORMATION			
No data available			
SECTION XIII DISPOSAL CONSIDERATION			
Waste Disposal Method	In accordance with government regulations		
SECTION XIV TRANSPORT INFORMATION			
Land (RID/ADR)	---		
Inland Waterways (ADNR)	---		
Sea (IMDG)	---		
Air (ICAO-TI/IATA-DGR)	---		
Product is not classified any transport 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.			