

SAFETY DATA SHEET

			1. Product and Co	mpany Identif	ication						
Product Na	me: MTApex™ Sealer Po	wder		· <i>'</i>		ode Number: SI	OS 492-001.0	01R01, 1386	9, 4900		
Trade Name	& Synonyms: MTApex™	Last R	Last Revision: N/A Effective Date: 07/06/2022								
Chemical Name: no name assigned to mixture						Manufactured by NuSmile Ltd. for Ultradent					
CAS. Numb	er: None assigned		ress: 505 ‡ 10200 \$ South Jordan, UT 84095 yoʻ osite: www.ultradent.com								
							phone Number: (801) 572-4200				
Product Use	e (for Canada): Powder fo	Email	Email: onlineordersupport@ultradent.com								
developing skin.	Overview tatethroat and respirator ung diseases. Dust or spla ontact may cause burns.		use coughing. Frequent i								
Routes of Exposure	Signs and Sympto	oms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)		Acute and Chronic Health Effect(s) of hazardous component			Target Org		
Eye	Can cause immediate or delayed irritation of cornea.		Single	Mild		-		-			
Skin	Exposure may cause drying of the skin with mild irritations. Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure.		Single	Mild	mucous m		ntion to skin and embranes. Can other skin conditions.		-		
Inhalation	Exposure may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system.		Single	Mild	Mild		Frequent inhalation of large quantities, over a long period of time increases the risk of lung diseases.		Lung		
Ingestion	Internal discomfort or ill effects are possible if large quantities are swallowed.		Single	Mild		Acute irritation		-			
Other			-	-		-		-			
	nditions Aggravated by E		isting upper respiratory	and lung disea	ses may	be aggravated I	by inhalatior	٦.			
	city (IARC, NTP): None kr										
Potential En	vironmental Effects: Pov	vder with moist		mass that is no on of Ingredien		gradable.					
Hazardous	Components	CAS. Number	•	on or ingredien		t Exposure	%				
Tiazai dous C	components	CAS. Number			Limits						
3CaO∙SiO ₂ -	Tricalcium silicate	12168-85-3			4 mg/	m³	<50				
Ta ₂ O ₅ - Tantalite		1314-61-0			5 mg/		<50				
2CaO•SiO₂ - Dicalcium silicate		10034-77-2			4 mg/		<20				
CaSO ₄ - Calc	ium sulfate	7778-18-9			5 mg/	m ³	<1				
			4. First A	id Measures							
Routes of Exposure	First Aid Instructions	ons Immediate Medical Attention Acut				Acute	Effects Dela				
Eye	Immediately flush eyes with plenty of water for 15 minutes, while holding eyelids apart. Remove contact lenses. Do not use eye ointments.					Get medical attention immediately, even if no symptoms.			-		
Skin	Immediately flush skin with plenty of cool soapy water. Remove contamina clothing and wash contact areas thoroughly. Seek prompt medical attention								-		
Inhalation	Move individual away from exposure into fresh air. If not breathing, give art respiration. If breathing is difficult, administer oxygen. Keep patient warm.					Get medical attention			-		
Ingestion	If ingestion occurs, flush mouth with water, and drink water or milk. Do not induce vomiting. If vomiting occurs, keep the head lower than chest to avoi aspiration into the lungs. Never give anything by mouth to an unconscious convulsing person.					Get medical attention					

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Seek medical advice after large-scale exposure (>100 gm) Note to Physicians (Treatment, Testing, and Monitoring): Treat symptomatically.



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Product Name: MTApex™ Sealer Powder

5. Fire and Explosive Data												
Flashpoint & Method:	shpoint & Method: Flammable (Explosive) Limits in Air LEL/UEL:			oignition Temperature:	Other: None							
·		Not applicable		applicable								
Flame Propagation or Burning Rate (for solids): Not applicable				nmability Classification: 0								
Extinguishing Media: Water spray, foa	Extinguishing Media: Water spray, foam, carbon dioxide, or dry chemical. Extinguishing Media to Avoid: None											
Protection and Procedures for Firefighters: Usual. Avoid inhalation of smoke; use a respirator and protective suit.												
Unusual Fire and Explosion Hazards: Irritating fumes may be released by thermal decomposition. Fumes of silicon dioxide may be evolved from material in a fire.												
6. Accidental Release Measures												
Containment Techniques: Discard in trash.												
Spill/Leak Clean-Up Procedures and Equipment Wipe up spills with moist rags or vacuum to prevent dust from being dispersed. Discard in trash. Avoid skin contact and inhalation. Dispose of container and unused contents in accordance with federal, state, and local requirements.												
Evacuation Procedures: N/E Special Instructions: N/E Reporting Requirements: N/E												
7. Handling and Storage												
Handling Practices and Warnings: Powder is caustic. Keep out of eyes, lungs, or contact with mucosal tissues. After incidental contact, wash and rinse with water. Wear suitable gloves and protective glasses during use. MTApex powder must be kept well sealed and free of contamination by pyrogens. Protect the powder from humidity. Be careful not to contaminate the powder with a contaminated instrument. Trained personnel use this product exclusively for dental purposes.												
Storage Practices and Warnings: Store at temperatures at room temperature (25°C/77°F), not refrigerated. Keep bottle tightly closed; material is hydrophilic. Inadequate storage conditions will shorten the shelf life.												
8. Exposure Control/Personal Protection												
	Ventilation: Use in a well-ventilated area.				Other Engineering Controls: None							
Routes of Entry:	Personal Protective Equipment (PPE) for			PPE for Emergencies:								
Eye/Face		ry glasses or face shield		Safety glasses or face shield								
Skin		r latex or nitrile gloves and avoid skin contact.		Gloves and Face shield								
Inhalation		d dust inhalation.		Dust mask or respirator								
General Hygiene Considerations and Work Practices: Wear gloves as per universal precautions in dentistry. Wash your hands after use. No eating, drinking, or												
smoking while handling this product. Wash clothing with spills of material on clothing.												
Protective Measures During Repair and Maintenance of Contaminated Equipment: Use liquid to remove dust. Use vinegar to dissolve set material.												
Other Protective Measures and Equip	ment: r		-toricti	ec.								
9. Physical and Chemical Characteristics Appearance: Fine, yellowish powder Odor: None												
Appearance. Tine, yenowish powder					int >700°C							
Normal Physical State:	d □	Gas ⊠ Solid □(Other)		Boiling Point >1800°C, Melting Po Freezing Point >800°C	IIIL >700 C							
Specific Gravity or Density (H ₂ 0=1):3 g	;/cc	Solubility in Water: < 3 %		pH: ~12 mixed with water								
Vapor Pressure (mm Hg @ 20°C): ~ 0		Vapor Density (AIR= 1): N/A		Evaporation Rate (Butyl Acetate = 1): N/A								
10. Stability and Reactivity Data												
Incompatibility (Materials to Avoid): K	Geep dry	y to avoid reaction with water and setting.										
Hazardous Products Produced During	Decom	position: May release silica fumes in a fire.										
Hazardous Polymerization?	Conc	litions to Avoid:		Stability?								
☐ May Occur ☑ May Not Occur	May Occur Moisture will react with the powder.			⊠ Stable	□Unstable							
11. Toxicological Information												
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: Toxicity is secondary to effect of caustic powder on moist tissues.												
Tovicity Environmental Fata Physical	/Chami	12. Ecological Informatio cal Data, or Other Data Supporting Environme		arard Statements, Not biodogradah	la non hazardaus							
Toxicity, Environmental Fate, Physical	/Chemi	13. Disposal Consideration		azaru Statements. Not biodegradab	ie, Hori-Hazardous.							
Regulations: Dispose of container and	HINHER	d contents in accordance with federal, state, a		al requirements								
				· ·	able mass will form							
Properties (Physical/Chemical) Affecting Disposal: Do not spread dust. When mixed with water-based liquid, a solid, non-biodegradable mass will form.												
Regulated for shipping? □ Yes ☑ No		14. Transport Informatio	n	Packing Group DOT class: NR								
Do changes in quantity, packaging, or		ent method change product classification?		Hazard Class: Non-hazardous	Identification Number:							
☐ Yes Other: none		⊠ No			None							
other. Hone		15. Regulatory Information	on									
15. Regulatory Information Federal Regulations: Hazard code: Xn (irritant):Components are considered to be hazardous material under the Hazardous Products Act as defined by the												
Controlled Products Regulations (Class D2A, E - Corrosive Material) and subject to the requirements of WHMIS. TSCA listed Risk phrases: R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes.												
Safety phrases: S22 Do not breathe dust. S24 Avoid	Safety phrases: S22 Do not breathe dust. S24 Avoid contact with skin. S25 Avoid contact with eyes. S26 In case of eye contact, rinse immediately with plenty of water and seek medical advice. S36 Wear suitable protective clothing.											
		·	e. S36	6 Wear suitable protective clothing.								
S45 In case of accident, or if you feel u	unwell,	seek medical advice immediately. 16. Other Information										
This information is based on our prese	ent kno		uarant	tee for a specific product feature. No	o toxicity data are available							
This information is based on our present knowledge; however, this shall not constitute a guarantee for a specific product feature. No toxicity data are available for this specific formulation. This health hazard assessment is based on information that is available for its components. N/A= not applicable. N/D= not determined. N/E= not established.												

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