



SAFETY DATA SHEET

Product Name: NuSmile NeoLINER LC

Product Name: NuSmile NeoLINER LC		SDS Code Number: SDS24			
Trade Name & Synonyms: NeoLINER LC		Last Revision: N/A		Effective Date: 07/21/2022	
Chemical Name: no name assigned to mixture		Manufactured for NuSmile Ltd.			
CAS. Number: Mixture - None assigned		Address: 3315 W. 12 th Street Houston, TX 77008 USA Websites: www.nusmile.com			
Grades or Minor Variant Identities: none		Telephone Number: 713-861-0033; Int'l 1-800-346-5133			
Product Use (for Canada): Dental cement		e-mail: info@nusmile.com			
2. Hazard Identification					
Emergency Overview: Paste may cause skin irritation. Sensitization is possible through skin contact. Paste has a strong caustic effect and may cause permanent eye damage if left untreated. Prolonged contact may cause burns. It is unlikely that exposure to small amounts for short periods, may have any irritant or toxic effect.					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s) of hazardous component	Target Organ(s)
Eye	Can cause eye immediate or delayed irritation of cornea.	Single	Mild	-	-
Skin	Exposure may cause drying of the skin with mild irritation. Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure.	Single	Mild	Acute irritation to skin and mucous membranes. Can aggravate other skin conditions.	-
Ingestion	Internal discomfort or ill effects are possible if large quantities are swallowed.	Single	Mild	Acute irritation	-
Other	-	-	-	-	-
Medical Conditions Aggravated by Exposure: Pre-existing upper respiratory and lung diseases may be aggravated by inhalation.					
3. Composition of Ingredients					
Hazardous Components	CAS. Number	Lowest Exposure Limits	%		
Mineral Oxides	Mixture	No TLV assigned.	-		
Methacrylates	Mixture	No TLV assigned.	-		
4. First Aid Measures					
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Effects		
			Acute	Delayed	
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 develop.	-	-	
Skin	Immediately flush skin with plenty of cool soapy water. Remove contaminated clothing and wash contact areas thoroughly. Seek prompt medical attention.	Get medical attention.	-	-	
Inhalation	Move individual away from exposure into fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Keep patient warm.	Get medical attention.	-	-	
Ingestion	Seek prompt medical attention. Do not induce vomiting. Vomiting should only be induced by medical personnel. If vomiting occurs, keep the head lower than chest to avoid aspiration. Never give anything by mouth to an unconscious or convulsing person.	Get medical attention.	-	-	
Other	Seek medical advice after large-scale (>100 gm) exposure.	-	-	-	
Note to Physicians (Treatment, Testing, and Monitoring): Treat symptomatically.					
5. Fire and Explosion Data					
Flashpoint & Method: >200 C	Flammable (Explosive) Limits in Air LEL/UEL: Not applicable	Autoignition Temperature: not self-igniting >200 C			
Flame Propagation or Burning Rate (for solids): Not applicable	Properties Contributing to fire Intensity: None	Flammability Classification: N/D			
Extinguishing Media: CO ₂ , powder, water spray. Use extinguishing method suitable for surrounding fire.			Extinguishing Media to Avoid: None		
6. Accidental Release Measures					
Containment Techniques: Discard in trash. Prevent any material from entering drains or waterways.					
Spill/Leak Clean-Up Procedures and Equipment: Take up mechanically. Forward for disposal. Clean up affected area.					
Evacuation Procedures: N/E Special Instructions: N/E Reporting Requirements: N/E					



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7. Handling and Storage

Handling Practices and Warnings: Wear protective gloves/protective clothing/eye protection/face protection. Keep well sealed and free of contamination by pyrogens. Protect from humidity. Do not to contaminate with a contaminated instrument. Trained personnel use this product exclusively for dental purposes.

Storage Practices and Warnings: Store at a dry place, In a sealed foil pouch at temperatures of (2-8°C/36-46°F). Once opened, store at room temperature (25°C/77°F). Store only in original containers; 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 Normal Use:

PPE for Emergencies:

Eye/Face

Face mask & safety glasses

Safety glasses or face shield

Skin

Wear latex or nitrile gloves and avoid skin contact.

Gloves and Face shield

Inhalation

Face mask

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. Remove and wash clothing with spills of material on clothing.

Other Protective Measures and Equipment: N/E

9. Physical and Chemical Characteristics

Appearance: Paste

Odor: None

Normal Physical State: Liquid Gas Solid Paste (Other)

Boiling Point Not applicable. Melting Point: Not applicable. Freezing Point: Not applicable.

Specific Gravity or Density (H₂O=1): 1.88

Solubility in Water: Insoluble

pH: 10-12

Vapor Pressure (mm Hg @ 20°C): N/A

Vapor Density (AIR= 1): N/A

Evaporation Rate (Butyl Acetate = 1): N/A

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid): No further relevant information available.

Hazardous Products Produced During Decomposition: None

Hazardous Polymerization: May Occur May Not Occur

Conditions to Avoid: No further relevant information available.

Stability: Stable Unstable

11. Toxicological Information

Acute toxicity: No further relevant information available

Skin: May cause skin irritation

Eye: Strong caustic effect

Sensitization: Sensitization possible through skin contact

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements: Product is not expected to bioaccumulate in the environment. Do not allow to enter into surface water or sanitary sewer system.

Classification of water endangerment: WGK=1 (Slightly polluting substance)

13. Disposal Considerations

Regulations: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

Properties (Physical/Chemical) Affecting Disposal: None known

14. Transport Information

Regulated for shipping: Yes No

Proper Shipping Name: NuSmile NeoLINER LC

Packing Group DOT class: NR

Do changes in quantity, packaging, or shipment method change product classification: Yes No

Hazard Class: Non-hazardous

Identification Number: None
Other: none

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: 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.

S45. In case of accident, or if you feel unwell, seek medical advice immediately.

16. Other Information

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.