

MATERIAL SAFETY DATA SHEET

September 19, 2000

Product: Nu Tempcement Dentin Sealer**Section 1. Product And Company Identification***PRODUCT #:**PRODUCT NAME:* Nu Tempcement Dentin Sealer*COMMON OR CHEMICAL NAME:* Dentin Sealer

Nu Radiance, Inc.
795 Coronis Way
Green Bay, WI 54304
USA

Contact Telephone Number
920-965-0953

Section 2. Composition/ Information On Ingredients*Product Contents:* Nu Tempcement Dentin Sealer*Components Containing Hazardous Ingredients:* Hexane & Isopropanol

Hazardous Ingredients: Hexane & Isopropanol

Proper Shipping Name: Hexane

CAS: 110-54-3 & 67-63-0

UN Designation UN-1208

Class: 3, Flammable Liquid

Packing Group: II

HAZARDOUS DATA

Health: 1

Flammability: 3

Reactivity: 0

Hazardous Data legend

4 - Extreme

3 - High

2 - Moderate

1 - Slight

0 - Insignificant

Section 3. Hazards Identification*For potential health hazards:* SEE Section 11

No significant hazards.

Section 4. First Aid Measures*Inhalation:* Move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If necessary, artificial respiration or oxygen should be administered by qualified personnel.*Skin Contact:* Remove contaminated clothing, wash affected area with soap and water*Eye Contact:* Flush with copious amounts of water. Seek medical attention.*Ingestion:* Do not induce vomiting. Seek medical attention.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media: Use dry chemical, foam or CO₂.

Extinguishing Media, which should not be used: None.

Special exposure hazards from combustion products: This material is highly flammable. It might be ignited by heat, spark or static electricity. It may explode in heat or fire.

Special protective equipment for fire-fighters: the use of SCBA is recommended. Water spray may be useful in minimizing vapors and cooling containers exposed to heat or fire.

Section 6. Accidental Release Measures

Personal Precautions: Keep away from heat, spark or flame. Avoid breathing vapors. Do not get in eyes and keep container closed. Use adequate ventilation and wash thoroughly after handling.

Environmental Precautions: Dispose of in accordance to all federal, state and local regulations.

Methods for Clean Up: Wipe up with paper towel.

Section 7. Handling And Storage

Handling Precautions: Keep away from sources of spark, open flame, oxidizing agents and isocyanates.

Safe Storage Conditions: Store in cool environments and in well-sealed containers only.

Other Restrictions or Recommendations: None.

Section 8. Exposure Controls/ Personal Protection

Respiratory Protection & Ventilation: Wear mask and use in areas with adequate ventilation.

Protective Clothing or Equipment: Use gloves, goggles and aprons or suits when handling large quantities.

Unusual Work/ Hygienic Practices: Keep away from heat, spark or flame. Avoid breathing vapors. Do not get in eyes and keep container closed. Use adequate ventilation and wash thoroughly after handling.

Section 9. Physical And Chemical Properties

Appearance: Yellow liquid, low viscosity

Odor: Characteristic, mild

pH: Not applicable

Boiling Point: 63°C

Melting Point/Range: Not applicable

Flash Point: 28°C

Auto-Ignition Temperature: Not applicable

Flammability: Yes.

Explosive Limits in Air: Lower: 1 Upper: 8

Oxidizing Properties: Not applicable

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air=1): Heavier

Specific Gravity (H₂O=1): ca 0.9

Solubility in Water: Partially soluble.

Reactivity in Water: Not reactive

Other Data: None

Section 10. Stability And Reactivity

Stability: Generally stable.

Conditions of Instability: Avoid exposure to heat, sparks and open flame.

Incompatibility with various Substances: Strong oxidizing agents and strong acids.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid exposure to heat, sparks and open flame.

Section 11. Toxicological Information

Potential Acute Health Effects: Mucus membrane irritation, headaches.

Potential Chronic Health Effects: Skin sensitization upon prolonged or repeated exposure.

Signs and symptoms of Exposure: Headaches, skin/eye irritation.

Medical Conditions Generally Aggravated by Exposure: Previous skin sensitization

Carcinogenic or Potential Carcinogenic Effects: No ingredient listed as a carcinogen.

Other Potential Health Effects: None known.

Section 12. Ecological Information

No ecological damage or impact anticipated upon exposure to the environment in quantities as packaged.

Section 13. Disposal Considerations

Waste Disposal: Do not dispose into sink. Dispose in accordance with all federal, state and local regulations

Section 14. Transport Information

UN Classification: UN-1208.

Identification: Hexanes

Special Provisions for Transport: Utilize UN-rated shipping containers as indicated in the Dangerous Good regulations.

Section 15. Regulatory Information

U.S. FDA Dental Device: Class II product.

EC Medical Device Directive: Class IIa product.

Section 16. Other Information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling and storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.

MSDS approved by: Edwin Novak