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## ***MATERIAL SAFETY DATA SHEET***

**TRADE NAME:** Nuance Light-Cured Composite

**CHEMICAL FAMILY:** Dental Filling Material

**CHEMICAL COMPOSITION:**

**Dangerous Components:** 156-94-2 Bisphenol A diglycidylmethacrylate<15%

**Other Ingredients:** Hydrophobic aromatic dimethacrylate, Hydrophobic aliphatic dimethacrylate, Silanated barium glass filler, Pre-polymerized organic filler, Di-Camphorquinone, Initiators, Accelerators, Pigments.

**HAZARDOUS INGREDIENTS/IDENTITY:**

**Risk Identification:** Special risks for human beings and environment

**Classification:** Classification corresponds to actual EEC guidelines

### **I. PHYSICAL DATA**

**BOILING POINT:** Undetermined  
**GENERAL INFORMATION:** Form: Paste  
Color: Colored  
Odor: Odorless  
**MELTING POINT:** Undetermined  
**FLASH POINT:** N/A  
**IGNITION TEMPERATURE:** N/A  
**DANGER OF EXPLOSION:** None  
**DENSITY SPECIFIC GRAVITY:** 1.9 g/cm<sup>3</sup>  
**VAPOR PRESSURE:** N/A (non-volatile)  
**PH LEVEL:** Neutral  
**SOLUBILITY IN WATER:** Insoluble

### **II. FIRE AND EXPLOSION HAZARD DATA**

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, Water

**III. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

ALLERGIC REACTION:	Allergic reaction to methacrylate by chronic exposure to product is possible.
EYES:	Irritating, flush with copious amounts of water; consult physician.
INHALATION:	Non-volatile.
INGESTION:	Possible toxic when swallowed; Consult physician immediately.
SENSITIZATION OF PRODUCT:	Not observed.
ADDITIONAL TOXICOLOGICAL INFORMATION:	During the long period of use as filling material, no health diseases have been reported.

**IV. REACTIVITY DATA**

STABILITY:	Stable under normal conditions of use and storage
INCOMPATIBILITY (Materials to Avoid):	Unstable, avoid heat, direct sunlight, peroxides, metal powders, strong oxidizers, free radical initiators.
HAZARDOUS DECOMPOSITION:	Not Known

**V. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Wipe up with absorbent material. Follow proper disposal or incineration procedures in accordance with local, state and federal regulations
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**VI. SPECIAL PROTECTION INFORMATION**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store in a dry area
OTHER PRECAUTIONS:	Store away from food stuffs, heat, acids and bases.
PROTECTIVE CLOTHING OR EQUIPMENT:	Routine
WORK/HYGIENIC PRACTICES:	Routine

**EMERGENCY PHONE NUMBER: (805) 346-3700**

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