

TECHNICAL BULLETIN

Made In U.S.A.

Instructions

Accu Light

Light-Cured Intermediate/Temporary Restorative

Kit Contains

20 g of Restorative
Instructions

Outstanding Features of the Material

- Easy to apply; fast cure.
- Outstanding depth of cure.
- Reliable performance.
- Good mechanical strength and wear resistance allows for an extended service time of up to six months.
- Good biocompatibility-shares the same basic chemistry with light-cured cavity liners
- Easy removal.
- Compatible with all known permanent restoratives and cements.
- Long shelf life with no need for refrigeration.
- Versatility in use; also suitable for making temporary inlays and onlays, endodontic stopping and emergency temporization.

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General Information

Thanks to its higher wear resistance, higher mechanical strength and better resistance to the oral fluids, Accu Light offers more reliable performance and if desired, substantially longer service time when compared to temporary restoratives of prior art.

Accu Light is less technique-sensitive than the most popular saliva-cured temporary restoratives.

Consequently, its properties after cure are predictable, reproducible, and remain unchanged during its claimed shelf-life.

Accu Light is also more versatile than other temporary restoratives, allowing a broader scope of use. In developing Accu Light, a balance was reached between achieving good wear resistance and mechanical strength, while still allowing for easy removal. Accu Light is compatible with all permanent restorative materials and cements, will not inhibit their cure, or negatively affect properties.

The outstanding depth of cure of Accu Light allows for fast application. It hardens instantly so the patient does not have to wait until the material adequately cures, before being allowed to eat.

Physical Properties

Depth of Cure (mm)	≥5.00
Opacity (%)	76±3
Shore D Hardness	≥55

Instructions for Use

1. Prepare the cavity in the conventional manner (only minimal preparations are necessary). In case of direct pulp exposure, apply calcium hydroxide-type base prior to placing restorative.
2. Place and cure restorative in the same manner as permanent light cured restoratives. The material cures up to 5 mm deep, however when a greater depth of cure is desired, the restorative should be applied in more than one layer.
3. Adjust occlusion. No waiting is necessary before adjustment can be started. Accu Light is easily removed with bur prior to placing the permanent restorative.

Other Recommended Applications

- Endodontic stopping.
- Preparation of temporary crowns, inlays and onlays (using clear crown forms or free-hand technique).

Storage

Do not store or expose kit to temperatures over 72°F (22°C). Refrigerate when not in use. Do not freeze.

Material Safety Data Sheet

U.S. Department of Labor

Accu Light-Light-Cured Intermediate/Temporary Restorative

SECTION I—IDENTIFICATION

TRADE NAME OR SYNONYM: Accu Light Temporary Restorative

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SECTION II—HAZARDOUS INGREDIENTS

Non listed

SECTION III—HAZARDS IDENTIFICATION

For potential health hazards: SEE Section 11 below.

No significant hazards to man or environment are reasonably foreseen.

SECTION IV—FIRST AID MEASURES

INHALATION: No harm anticipated.

SKIN CONTACT: Wash with soap and water.

INGESTION: Induce vomiting if a large amount of material is swallowed.

SECTION V—FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water contact acceptable.

SPECIAL EXPOSURE HAZARDS FROM COMBUSTION PRODUCTS: None

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: None.

SECTION VI—ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes. Wash hands with soap and water if contact occurs.

ENVIRONMENTAL PRECAUTIONS: Dispose in accordance to all federal, state and local regulations.

METHODS OF CLEANING UP: Wipe up with soap, water and paper towels.

SECTION VII—HANDLING AND STORAGE

HANDLING PRECAUTIONS: Not required.

PROTECTIVE CLOSING or EQUIPMENTS: Not required.

OTHER RESTRICTIONS or RECOMMENDATIONS: Avoid exposure to moisture and light.

SECTION VIII—EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION @ VENTILATION: Not required.

PROTECTIVE CLOSING or EQUIPMENT: Not required

UNUSUAL WORK/HYGIENIC PRACTICES: avoid prolonged skin contact. If contact occurred-wash with soap and water.

SECTION IX—PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: Opaque white paste.

PH: Not applicable.

MELTING POINT/RANGE: Not applicable.

AUTO-IGNITION TEMPERATURE: Not applicable.

EXPLOSIVE LIMITS IN AIR: Not applicable.

VAPOR PRESSURE (mmHg): Negligible at room temperature.

VAPOR DENSITY (AIR=1): Not applicable.

SOLUBILITY IN WATER: Virtually insoluble.

ODOR: Negligible odor.

BOILING POINT/RANGE: Not applicable.

FLASH POINT: Not applicable.

FLAMMABILITY: None.

OXIDIZING PROPERTIES: Not applicable.

REACTIVITY in WATER: Not reactive.

SPECIFIC GRAVITY (H2O=1): ca 1.

OTHER DATA: None

SECTION X—STABILITY and REACTIVITY

STABILITY: Generally stable.

CONDITIONS of INSTABILITY: Avoid exposure to elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

CONDITIONS TO AVOID: None.

INCOMPATIBILITY with VARIOUS SUBSTANCES: Not applicable.

HAZARDOUS POLIMERIZATION: Will not occur.

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty concerning products properties. However, users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.