

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**HANDLING & STORAGE PRECAUTIONS:** Avoid temperature extremes, light and moisture.  
**RELEASE OR SPILL:** Wear impervious gloves and safety goggles.

Scrape up material, absorb with paper toweling and collect for disposal. Clean up residue with alcohol.

**WASTE DISPOSAL METHOD:** Follow all government regulations.  
**OTHER PRECAUTIONS:** Wash hands after use.

**SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.  
**VENTILATION:** No special ventilation recommended under anticipated conditions of normal use.

**PROTECTIVE GLOVES:** Recommended.  
**OTHER PROTECTIVE EQUIPMENT:** Emergency eye wash fountain.  
**WORK/HYGIENIC PRACTICES:** Wash hands after use.



**DANVILLE  
MATERIALS**

2021 OMEGA ROAD SAN RAMON, CALIFORNIA 94583 USA  
 PHONE 800/822-9294 FAX 925/838-0944

90756 REV A

**DAM  
COOL**

**INSTRUCTIONS**

Dam Cool™ is a heatless liquid dam that has been uniquely formulated to eliminate the heat transfer problem associated with paint on dam materials. Dam Cool resists penetration from air abrasion particles.

**DIRECTIONS FOR USE**

1. Place a 20 gauge needle tip securely on the Dam Cool lure lock syringe.
2. Apply a coat of Dam Cool 1-2mm thick on the gingiva and on tooth surfaces to be protected prior to power bleaching, air abrasion, sandblasting or other procedures requiring intraoral protection, or place in areas to be blocked out prior to taking impressions. Dam Cool does not run so it can be placed over multiple teeth before curing.
3. Light cure for 10 seconds, depending on the light you are using.

**STORAGE**

The shelf life of Dam Cool™ is 3 years when stored at 77°F (25°C) or below.

**MATERIAL SAFETY DATA SHEET****SECTION I - IDENTITY**

**TRADE NAME:** Dam Cool  
**CHEMICAL DESCRIPTION:** Light cured, acrylic resin and filler.  
**PRODUCT USE:** Dental materials used to protect soft tissue by creating a physical barrier.  
**MANUFACTURER/SUPPLIER:** Danville Materials  
 2021 Omega Rd., Ste. 120  
 San Ramon, Ca. 94583 USA  
**EMERGENCY INFORMATION:** Craig Bruns  
 (800) 822-9294

**SECTION II - HAZARDOUS INGREDIENTS**

<b>INGREDIENTS</b>	PEL/TLV
Acrylic Resins	Not established
<b>DOT HAZARD CLASSIFICATION:</b>	Not required
<b>WHMIS CLASSIFICATION:</b>	D-2, Possible irritant
<b>NFPA HMIS RATING:</b>	HEALTH: 0
	FLAMMABILITY: 0
	REACTIVITY: 1

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b> 0	<b>SPECIFIC GRAVITY:</b> 1.290
<b>VAPOR PRESSURE:</b> <1mm Hg	<b>MELTING POINT:</b> n/a
<b>VAPOR DENSITY:</b> nil	<b>SOLUBILITY IN WATER:</b> nil
<b>ODOR THRESHOLD:</b> n/a	<b>APPEARANCE:</b> Light Blue Gel

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** >200°F  
**EXTINGUISHING MEDIA:** FLAMMABLE LIMITS: n/a  
 Carbon dioxide, dry chemical, chemical foam and water spray to keep fire-exposed containers cool.  
**SPECIAL FIRE FIGHTING PROCEDURES:** a self-contained breathing apparatus should be worn by fire fighting personnel.  
**HAZARDOUS COMBUSTION:** Decomposes at elevated temperatures. Fumes may be hazardous.

**SECTION V - REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Heat, open flame, peroxides, other free radical sources, direct light.  
**INCOMPATIBILITY:** Oxidizing agents and other free radical sources.  
**HAZARDOUS DECOMPOSITION:** Toxic fumes.  
**HAZARDOUS POLYMERIZATION:** may occur  
**CONDITIONS TO AVOID:** Heat, free radical sources and direct light.

**SECTION VI - HEALTH HAZARD DATA**

**SUMMARY OF ACUTE HAZARDS:** Minimal health hazard in this quantity. May be irritating to eyes, mucous membranes, skin. May be sensitizing or cause an allergic reaction in susceptible individuals.

**ROUTE OF EXPOSURE**

**INHALATION:**  
**EYE CONTACT:**  
**SKIN ABSORPTION:**  
**SKIN CONTACT:**

**SIGNS AND SYMPTOMS**

May be irritation to mucous membranes.  
 May be irritating.  
 May be sensitizing or cause an allergic reaction.  
 Primary route of exposure. May be irritating (rash or redness), sensitizing or cause an allergic reaction in susceptible individuals.  
 May be irritating to mucous membranes. May be sensitizing or cause an allergic reaction in susceptible individuals.

**INGESTION:**

**SUMMARY OF CHRONIC HAZARDS:** May cause sensitization in susceptible individuals, especially with prolonged or carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity: None Known.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Move to fresh air. Administer artificial respiration if required, and seek medical attention.  
**EYE CONTACT:** Flush eyes with copious amounts of water for 15min. Seek medical attention immediately.  
**INGESTION:** Give 1 pint warm water if patient is conscious. Do not induce vomiting. Consult physician immediately.  
**SKIN CONTACT:** Remove with alcohol and then wash skin with soap and water. Flush with water for 15min. Call for emergency medical care immediately.  
**ALLERGIC REACTION:**