

## SAFETY DATA SHEET



Date Issued : 1/11/2006  
 MSDS No : 1-001.10  
 Date-Revised : 8/20/2013  
 Revision No : 9

## Amelogen® Plus

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** Amelogen® Plus

**PRODUCT DESCRIPTION:** Composite restorative material

**PRODUCT CODE/ PART #:** GB/11680, GC/11681, GD/11627, GE/11683, GF/11628, GG/11684, GH/11690, GK/11689, GM/11637, GN/11634, GQ/71132, GR/11638, GS/11633, GV/11629, GW/11636, GX/11635, GZ/72638, HD/71137, HF/71088, HG/71089, HH/71092, HI/71093, HJ/71094, HK/71095, HL/71138, HQ/71139, HR/71140, HS/71141, HU/71142, IH/72639, II/72640, IJ/72641, IK/72642, IM/72672, MQ/71143, MR/71144, MS/71146, MT/71147, MW/71148, MX/71150, MY/71151, UE/71152, UI/71153

**MANUFACTURER**

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**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (NORTH AMERICA) :** (800) 424 - 9300  
**(INTERNATIONAL) :** +1(703) 527 - 3887

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt. %
Bis GMA	1565-94-2	2163677	Xi; R36/37/38, R22	< 60
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	Xi; R43	< 40

( Full text of R-Phrases can be found under heading 16 )

## 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant  
 R36/38: Irritating to eyes and skin.  
 R22: Harmful if swallowed.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Whitish, odorless, viscous paste

**POTENTIAL HEALTH EFFECTS**

**EYES:** R36: Irritating to eyes.  
**SKIN:** May cause skin irritation and sensitization.  
**INGESTION:** Harmful if swallowed.  
**INHALATION:** Low hazard for usual industrial or commercial handling.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Causes eye irritation.  
**SKIN:** Contact causes skin irritation.

## 4. FIRST AID MEASURES

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**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use foam, carbon dioxide, or water spray when fighting fires involving this material.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

**LARGE SPILL:** After removal, flush contaminated area thoroughly with water.

**COMMENTS:** Refer particularly to local circumstances and regulations.

### 7. HANDLING AND STORAGE

**HANDLING:** Keep away from heat and flame.

**STORAGE:** Room Temperature

**STORAGE TEMPERATURE:** 18°C Minimum to 30°C Maximum

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** Good general ventilation should be sufficient to control airborne levels.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous paste

**ODOR:** Acrylic

**COLOR:** Shade dependent.

**PHYSICAL STATE COMMENTS:** Insoluble in water; partially soluble in organic solvents

### 10. STABILITY AND REACTIVITY

**STABILITY:** Light exposure initiates polymerization.

**CONDITIONS TO AVOID:** Not Applicable

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide

### 11. TOXICOLOGICAL INFORMATION



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**EYE EFFECTS:** Irritating to eyes.

**SKIN EFFECTS:** May cause skin irritation and sensitization.

**COMMENTS:** None

### 12. ECOLOGICAL INFORMATION

**GENERAL COMMENTS:** Not Established

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**LABEL:** Not classified

#### AIR (ICAO/IATA)

**LABEL:** Not classified

#### VESSEL (IMO/IMDG)

**LABEL:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

R36/38: Irritating to eyes and skin.

R22: Harmful if swallowed.

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R36/37/38: Irritating to eyes, respiratory system and skin.

R22: Harmful if swallowed.

R43: May cause sensitization by skin contact.

**PREPARED BY:** Anu Kattoju

**REVISION SUMMARY:** This MSDS replaces the 5/20/2013 MSDS. Revised: **Section 1:** . **Section 5:** EXTINGUISHING MEDIA.

**MANUFACTURER DISCLAIMER:** FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.