

## AMBAR

**1. IDENTIFICATION**

**Product Identifier:** Ambar  
**Relevant Identified Uses:** Dental adhesive.  
**Manufacturer:** Dentscare LTDA  
**Address:** Avenida Edgar Nelson Meister, 474 – Joinville, SC - Brazil  
**Telephone Number:** +55 47 3441-6100 (Brazil)  
**Emergency Phone Number:** 0800 644 6100 (Brazil)  
**E-mail Address:** cr@fgm.ind.br (Brazil)

**2. HAZARDS IDENTIFICATION**

**Classification of the Mixture:** Skin Corrosion, Category 2  
Eye irritation, Category 2  
Skin sensitization, Category 1

**Classification System Adopted:** Globally Harmonized System of Classification – Eighth revised edition

**LABEL ELEMENTS**

**Hazard Symbols:**



**Signal Words:** Warning  
**Hazard statement:** H315 – Cause skin irritation.  
H319 – Cause serious eye irritation  
H317 – May cause an allergic skin reaction

**PRECAUTIONARY STATEMENTS**

**Prevention:** P264 – Wash hands thoroughly after handling.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection  
P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 – Contaminated work clothing should not be allowed out of the workplace.

**Response:** **IF ON SKIN:** Wash with plenty of water. If skin irritation or rash occurs: Get medical help. Take off contaminated clothing and wash it before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.



### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Common Chemical Name: Adhesive system for enamel and dentin

#### INGREDIENTS OR IMPURITIES THAT CONTRIBUTE TO THE HAZARD:

Ingredient	CAS Number	Percentages (%)
Urethane Dimethacrylate	72869-86-4	10 – 30
Glycerol Dimethacrylate	1830-78-0	10 – 30
2-Hidroxyethylmethacrylate	868-77-9	10 – 30
Ethanol	64-17-5	10 – 25
10-Methacryloyoxydecyl Dihydrogen Phosphate	85590-00-7	1 – 10
Ethyl 4- (Dimethylamino) Benzoate	10287-53-3	0,1 – 2,0
Adhesive Monomer	Property	0,1 – 1,0
Antioxidant	Property	< 1,0
Camphorquinone	10373-78-1	< 1,0

\* confidential business information is retained

### 4. FIRST-AID MEASURES

<b>Inhalation:</b>	Remove the person to a ventilated place and keep him at rest in a position that does not make breathing difficult. Contact a doctor immediately.
<b>Skin contact:</b>	Remove all contaminated clothing immediately. Rinse skin with water / take a shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical help.
<b>Eye contact:</b>	Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, seek medical attention.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. If symptoms persist, seek medical attention.
<b>Most important symptoms/effects, acute and delayed:</b>	Not available.
<b>Personal protective equipment for first-aid responders:</b>	Not available.

### 5. FIRE-FIGHTING MEASURES:

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



Specific Hazards arising from the chemical:

Not available.

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and protection in case of fire. Wear personal protective equipment. Put people safe. Avoid contact with eyes and skin.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective equipment and emergency procedures:

#### 6.1.1. For non-emergency personnel:

Evacuate personnel to safety areas, move away as people and cause them in a downwind in relation to the spill.

#### 6.1.2. For emergency responders:

Wearing of suitable protective equipment, see Section 8 of the SDS.

#### 6.2. Environmental Precautions:

Do not send product to wastewater network.

#### 6.3. Methods and materials for containment and cleaning:

Soak in inert and absorbent material and treat as special waste. Keep in suitable closed containers for disposal.

## 7. HANDLING AND STORAGE:

### Precautions for safe handling:

Technical Measures: handle in accordance with good industrial hygiene and safety practice. Requires good ventilation in the workplace. When operating with the product, do not eat, drink or smoke. Minimize product contact with skin and eyes.

In the loading and unloading operation, it is necessary to avoid falling the packaging, descending ramps without protection, rolling on rough terrain to avoid punctures or any damage to the packaging.

### Conditions for safe storage, including any incompatibilities:

Containers containing the product must be stored on platforms, protected from light and heat.

The containers must be well closed and stored in a ventilated and identified place, avoid: exposure of the product under sun and rain. Store between 15 ° C and 30 ° C, protected from bright light.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

### CONTROL PARAMETERS

#### Occupational Exposure Limits:

Not available.

#### Appropriate engineering controls:

Handle the product in a well-ventilated area.

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

#### Eye/face protection:

Wear eye protection, when handling the non-polymerized product.

#### Skin Protection:

Wear gloves, when handling the non-polymerized product.

#### Respiratory protection:

Wear mask, when handling the non-polymerized product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical State:

Liquid

### Colour:

Transparent yellow

### Odour:

Characteristic

### pH:

> = 5

### Melting Point:

Not available.



---

Boiling Point:	> = 79°C
Flash point:	Not available.
Lower and upper explosion limit/flamability limit:	Not available
Pressão de vapor:	Not available
Relative Density:	1,07 g/cm <sup>3</sup>
Solubility:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

**10. STABILITY AND REACTIVITY**

---

Reativity:	This material is considered non-reactive under normal conditions of use.
Chemical Stability:	Stable product under recommended storage conditions.
Possibility of Hazard Reaction:	Not available.
Conditions to avoid:	Direct exposure to sunlight and high temperatures can cause product degradation, avoid leaving the packaging open after use.
Imcompatiblle Materials:	Strong oxidizing materials.
Hazards Decomposition products:	The product can decompose into CO and CO <sub>2</sub> during combustion.

**11. TOXICOLOGICAL INFORMATION:**

---

Acute Toxicity:	Product not classified as acute toxic by mouth.
Skin corrosion/irritation:	May cause irritation.
Serious Eye damage/irritation:	May cause damage.
Respiratory or skin sensitization:	Not available
Germ cell mutagenicity:	Not available
Carcinogenicity:	Not available
Reproductive toxicity:	Not available
STOT – Single exposure:	Not available
STOT – Repeated exposure	Not available
Aspiration hazard:	Not available

**12. ECOLOGICAL INFORMATION:**

---

Toxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

**13. DISPOSAL CONSIDERATIONS:**

---

Product and product remains:	Always exhaust the possibilities of reusing the product in the manufacturing process. In case it is not possible, incineration or landfill according to federal or regional regulations.
Used packaging:	Do not use to store water or products for human consumption. Dispose of the packaging in accordance with local and national regulations.



---

**14. TRANSPORT INFORMATION:**

---

**BRAZIL REGULATIONS: ANTT**

UN Number:	Not classified as dangerous for transport
UN Proper Shipping Name:	Not classified as dangerous for transport
Transport Hazard Class:	Not classified as dangerous for transport
Packing Group:	Not classified as dangerous for transport

**INTERNATIONAL REGULATIONS: IATA**

UN Number:	Not classified as dangerous for transport
UN Proper Shipping Name:	Not classified as dangerous for transport
Transport Hazard Class:	Not classified as dangerous for transport
Packing Group:	Not classified as dangerous for transport

---

**15. REGULAMENTARY INFORMATION:**

---

Not available

---

**16. OTHER INFORMATION:**

---

**PROFESSIONAL USE ONLY.**

The information and requirements are used in the SDS and information from the raw material manufacturers. Dentscare Ltda, is not responsible for the same information or necessary information.