

Composition of Patient Contact Materials

ALLOY

ARGELITE 61: COMPOSITION: Pd60.55%, Ag28.1%, Sn2.5%, I6.6%, Ga2.1%,<1.0%

Euro: COMPOSITION: Au40%, Pd39.4%, Ag10%, In8.8%, Ga1.4%, Sn<1%, Ru<1%

Bio 850 SL: COMPOSITION: Au85.6%, Pt11.4%, In2.3%Fe<1%, Rh<1%

Argenco 40Y: COMPOSITION:Au39.9%, Pd4%, Ag45.99%, Cu7.59%, In1.5%, Zn1%, Ir<1%, Li<1%

Argenco 58:Av58%, Pd3.25%, Ag27%, Cu10.49%, Zn 1%, 1r<1%, 1n<1%

AU2: COMPOSITION: Au2%, Pd32.7%, Ag34.5%, In28%, Zn2.6%, Ir<1%

Dentures, Flippers and Acrylic partials contain: Polymethylmethacrylate, Methyl methacrylate, Tetramethyleen, Dimethacrylate, polymers, titanium dioxide.

Metal framework contains: Cobalt, Hromium, Molybdenum.

Essix retainer contains: 95-100% Polyethylenterephthal at PET-G

Hard Soft contains: PETG, Ethylene, TPU

Splints contain: Polymer, Ethyl Methacrylate

IPS Emax Contains: ceramic powder made of >50% SiO₂, CaO, Al₂O₃,CeO₂, Na₂O, K₂O,B₂O₃, ZnO, F, Li₂O, ZrO₂, P₂O₅, SrO, TiO₂ AND PIGMENTS.

Temporary Crowns contain: Polymethylmethacrylate.

Zirconia Full Contour contains: Zirconia

Porcelain Fused to Metal Crown contains: Sodium Potassium Aluminosilicate, Tin Oxide (Plus alloy choice)