

Polish & White

Teeth Whitening Ingredients

Ingredient transparency for professional and take-home whitening products used at Polish & White. Descriptions outline the functional role of each ingredient using evidence-based, non-promissory language.

16% Hydrogen Peroxide Whitening Gel

Hydrogen Peroxide

Active whitening ingredient that diffuses through enamel and dentine and breaks down stain molecules within the tooth structure.

Propylene Glycol

Humectant and solvent that helps maintain gel moisture and even consistency.

Glycerine

Moisture-retaining ingredient that helps limit dehydration of the tooth surface during whitening.

Peppermint (Natural, Food Grade)

Added for flavour to improve comfort during treatment.

Proprietary Trace Ingredients (<0.1%)

Small quantities of stabilisers and formulation components used to maintain product stability and shelf life.

Gingival Protection Barrier Resin

Polymerisable Methacrylates

Light-cured resin matrix forming a protective barrier over the gum tissue during whitening.

Photoinitiators (e.g. Camphorquinone)

Light-activated compounds that allow the resin to cure quickly when exposed to a dental curing light.

Thickeners

Provide viscosity so the barrier material stays precisely along the gumline.

Blue Colourants

Provide visibility so the protective barrier can be easily seen during placement and removal.

Stabilisers

Help maintain formulation stability and shelf life.

44% Carbamide Peroxide Whitening Gel

Carbamide Peroxide

Whitening compound that breaks down into hydrogen peroxide and urea, releasing whitening activity more gradually.

Propylene Glycol

Humectant helping maintain moisture and smooth gel consistency.

Glycerine

Helps retain moisture and reduce dehydration of enamel surfaces during whitening.

Peppermint (Natural, Food Grade)

Added to improve taste and patient comfort during tray wear.

Proprietary Trace Ingredients (<0.1%)

Used in small amounts to stabilise and preserve the gel formulation.

Protect – Remineralising & Comfort Gel

Propylene Glycol

Solvent helping distribute ingredients evenly within the gel.

Glycerine

Humectant helping maintain hydration within the formulation.

Calcium Pyrophosphate

Calcium-based compound associated with supporting enamel mineral balance.

Hydroxyapatite

Biomimetic calcium-phosphate mineral similar to the natural structure of enamel.

Potassium Nitrate (<5%)

Desensitising ingredient commonly used in dental products to help calm nerve response related to sensitivity.

These ingredients are used within professionally formulated whitening systems delivered or prescribed by a registered dental hygienist as part of an individualised whitening protocol. Whitening outcomes and sensitivity responses vary between individuals.