

What are enzymes, and what can they do for you?

Enzymes are natural protein molecules derived from living cells that serve as catalyst to make chemical reactions occur faster and more safely. Through enzyme technology, the damage caused by hydrogen peroxide can be avoided. Trionics Enzyme developers should be the developer of choice because it is the most stable developer in existence today. It creates 50%-70% less damage to the hair than the more commonly used traditional hydrogen peroxide, therefore leaving the hair with more integrity. Colors last longer due to the lack of cuticle damage and it allows multiple chemical services on the same day, safely. The processing time is reduced by at least half so the exposure time to the chemical is lessened, creating a more healthful and pleasant experience. The use of these products makes for a very long lasting and loyal relationship between the client and the stylists.

THE IMPORTANCE OF CHELATING THE HAIR:

RESIDUE BUILD-UP, COSMETIC WEIGHT, PRODUCT BUILD UP

Residue build-up on the hair degrades its appearance and interferes with chemical services.

The following factors contribute to residue build-up:

- * Ill health
- * Stress
- * Hormones
- * Medication
- * Food additives
- * Air pollution
- * Toxins
- * Smoke
- * Water impurities
- * Metals
- * Hair color
- * Soap
- * Shampoo
- * Conditioner
- * Hair spray (PVA, PVM, ETC.)
- * Perms
- * Sebum
- * Make-up

Modern beauty products have improved hair care but they often have costly side effects like unexpected chemical reactions to ingredients. These severely impair chemical services resulting in redos that cost time and money.

The oils, waxes and chemicals in these products continually build up in a semi-opaque layer on the hair which prevents hair from shining and reflecting light, making the desired look even harder to achieve. This residue layer increases drying time by retaining liquids.

A residue layer can add to service time by delaying the entry of chemicals into the hair shaft. Chemical mixtures which have a limited time to work can be so weak by the time they enter the hair shaft they cannot perform as desired.

Uneven residue build-up results in differences in hair porosity along the shaft, causing unexpected results in perms and hair color services.

RESIDUE SIDE-AFFECTS IN PERMS:

Residue layer delays entry of solutions into the hair shaft, resulting in uneven or completely relaxed curl.

Metals trapped in residue layer can create chemical "hot spots" on the hair shaft, resulting in weakening and breakage. Metals also create off red tones and brassiness.

Medication trapped in the residue layer can also create a purplish bleeding which is most noticeable when applying neutralizer. Both of the above conditions are the result of a reaction between metals or medication and hydrogen peroxide in the neutralizer.

TRIONICS removes the residue from the cuticle layer prior to perm service with CHELATOR shampoo and the enzyme pre-chemical cleanser PCC. You can expect long lasting even curl patterns due to the thorough, even action on perm solutions on clean, purified hair.

TRIONICS' ENZYME PERM SYSTEM is gentle to the hair. Our neutralizers work without hydrogen peroxide, using the unique abilities of enzymes to control the shape and direction of molecules. Say goodbye to hydrogen peroxide blow-out, because we don't have it!

RESIDUE SIDE-AFFECTS IN HAIR COLOR SERVICES:

Residue layer delays entry of solutions into the hair shaft, resulting in uneven color and fadage. EXAMPLE: not enough lift, you're left with undesired tonal value.

Uneven areas of residue along the hair shaft lead to uneven concentrations of hair color deposit, resulting in light and dark areas.

Metals trapped in residue layer can create chemical "hot spots" on the hair shaft, resulting in weakening and breakage.

Medication, metals and other impurities trapped in the residue layer can also create off red tones and brassiness.. Both of the above conditions are the result of a reaction between impurities and hydrogen peroxide.

The TRIONICS system removes the residue from the cuticle layer prior to color service. The enzyme Pre-chemical cleanser PCC followed by CHELATOR shampoo leave the hair clean and pure. You can expect even, long lasting color due to the gentle, even action of the TRIONICS enzyme developer system on clean, purified hair. Along with one of the TRIONICS ENZYME DEVELOPERS you can open the door to long lasting, shiny true-to-color hair in much less time than with other systems.

NO MORE HYDROGEN PEROXIDE BLOWOUT!

Considering recent whirlwind technological advances and improvements in virtually all phases of salon services and products, it is amazing that salons still depend on an archaic product like peroxide, which has remained unimproved for almost 200 years.

We at BHB Beauty Associates have tested and used alternative solutions to hydrogen peroxide in our services. Over many years professionals have been taught that other ingredients in hair color cause the damage! Wrong!

Through extensive education, research and training we found that the explosive hydrogen peroxide reaction which occurs when peroxide is mixed with color or used in neutralizer is the problem.

Peroxide breaks up the outer layer of the hair when it explosively forces the other chemicals into the hair shaft, causing weakening, breakage, transparent brittle ends, color fade and lack of shine.

Peroxide is an unstable chemical which loses its strength when left open or exposed to air. When mixed with color it has a limited lifting time, so after 15 to 20 minutes it begins turning to water and depositing. Peroxide's instability creates unpredictable results and makes it incompatible with some of today's new hair product ingredients (see RESIDUE LAYER PROBLEMS).

Hydrogen peroxide side effects in perming:

After processing a perm the hair is in a tense and swollen state. Applying neutralizer with a 3 to 5% volume peroxide can cause breakage or weakness anywhere in the hair shaft.

Hydrogen peroxide side effects in hair coloring:

Using peroxide in hair color service creates holes in the cuticle layer that help residue to penetrate and coat the hair shaft. These residues interfere with the even absorption of pigment and developer, creating light and dark areas.

Metals in the residue react violently with the peroxide, releasing heat and gasses which damage the hair. This reaction also causes brassy red metallic tones.

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