



Indian Standard IS 8481:2020– Oxidation Hair Dyes (Liquid / Gel / Cream) —
Specification (Fourth Revision)

When choosing hair dye products, **safety, color performance, longevity, and ease of application** are key concerns. You want a hair dye that delivers vibrant, lasting color without causing skin irritation or hair damage, and that provides a smooth, even application. Oxidation hair dyes are especially popular for their ability to provide permanent color through a chemical reaction involving oxygen.

The Indian Standard IS 8481:2020, developed by BIS, outlines the safety and quality specifications for oxidation hair dyes in liquid, gel, and cream forms. This standard ensures that oxidation hair dyes meet rigorous requirements for both consumer safety and effective performance.

Important tests like **skin irritation, hypersensitivity, and chemical composition including heavy metal** analysis confirm that the dyes are safe for regular use and meet specific limits for potentially harmful substances. This dramatically reduces the risk of allergic reactions or scalp irritation. Additionally, IS 8481 specifies acceptable pH and viscosity ranges, ensuring the dye is easy to apply and achieves a consistent color throughout the hair.

The standard also includes requirements for color longevity and fade resistance, ensuring the hair dye maintains its vibrancy and effectiveness even after multiple washes. This means users can expect a durable and rich color that holds up over time. Clear labeling requirements, such as ingredient lists and allergen warnings, provide essential information to help users choose the right product for their needs.

In summary, IS 8481:2020 assures that the oxidation hair dyes you choose are safe, effective, and reliable. Look for the BIS mark to confirm compliance with this standard, which provides peace of mind for both safety and quality in hair care.