



## **Metal Polish, Liquid- Specification (Indian Standard) IS 5487: 1992**

### **Summary on Metal Polish, Liquid product:**

**Metal Polish, Liquid** is a cleaning and polishing product designed to restore shine, remove tarnish, and protect various metal surfaces. Typically formulated with mild abrasives, solvents, and protective agents, it is used to enhance the appearance of metals such as brass, silver, copper, aluminum, stainless steel, and chrome.

One of the key benefits of liquid metal polish is its versatility. It can be applied to a wide range of metal items, from household objects like faucets and jewelry to automotive parts and industrial machinery. The liquid formula allows for easy application, either by using a soft cloth or directly onto the metal surface, making it less abrasive compared to paste versions.

**Metal polishes** contain chemicals that break down tarnish, oxidation, and grime, often including agents like mild acids or ammonia, which safely lift contaminants without damaging the metal beneath. In addition to providing a mirror-like finish, these polishes often leave a protective layer that helps prevent future corrosion and tarnishing, extending the lifespan of metal surfaces.

The Indian Standard, **IS 5487:1992** specifies requirements and the methods of sampling and test for Metal Polish, Liquid, which is suitable for general application to Copper, Brass, Bronze, Zinc, Steel and Allied Metals. The key requirements as per the standard are Polishing property, Consistency, Stability, Total solids & Total ammonia etc. This standard is crucial for ensuring the quality, safety, and effectiveness of liquid metal polishes available in the Indian market.

Overall, liquid metal polish is a convenient and effective solution for cleaning, restoring, and protecting metal surfaces, offering both aesthetic and functional benefits. It's a valuable tool for anyone looking to maintain the longevity and appearance of their metal possessions, ensuring they retain their luster and resist the effects of wear and tear. Further, **IS 5487:1992** serves as a benchmark for quality and consistency in liquid metal polishes, promoting consumer safety and satisfaction.

