

27/1/24

Method of Preparation of NAILPOLISH

Nailpolish :-

It is used to decorate and enhance the appearance of nails.

Raw Materials

	<u>Uses.</u>
01) Nitrocellulose	- fill former
02) Synthetic Resin	- Thickener
03) Ethyl Acetate	- Solvent
04) Butyl Acetate	- Solvent
05) Triacetyl phosphate	- plasticizer
06) Toluene	- diluent
07) Easyn	- Colourant

Diagram :-



Method of Preparation :-

* Toluene is taken in a stainless steel tank provided with turbine (or) propeller type agitators.

* With the agitator is running Nitro-cellulose is added and thoroughly mixed in the with the diluent (Toluene)

* Solvents, plasticizer and resin are then added in this order and agitation is continued for several hours until it clear solution is obtained.

* The clear liquid is stored in airtight container and used.

* Nailpolish are different colours are prepared with suitable pigments.

Example :- Ultra marine Blue - Blue
 Chrome oxide - Green
 Lampblack - Black