



PRODUCT CODE : MISC. / 10.14

## **Synpol EP 7030**

TYPE : Epoxy Phenolic condensate solution

DESCRIPTION : A lubricated epoxy phenolic lacquer for internal protection of cans, containers and tubes by spray application.

### SPECIFICATIONS :

1) Appearance	Clear light yellow thin liquid.
2) Specific gravity @ 25 <sup>0</sup> C	0.96 – 0.98
3) % Solids @ 120 <sup>0</sup> C. for 2 hrs.	38 - 42
4) Solvent	Equal mixture of D.A.A./ n-Butanol / Xylene / Propylene Glycol Mono Methyl Ether
5) Viscosity @ 30 <sup>0</sup> C by ford cup no. 4, seconds	80 - 120
6) Curing schedule @ 205 <sup>0</sup> C, minutes	10 - 12
7) Application method	Spray application
8) Thinner	Ethyl Cellosolve, Butyl Cellosolve

### APPLICATIONS :

Synpol EP 7030 when cured as per standard stoving schedule gives smooth golden yellow highly flexible coating with excellent adhesion, and extremely scratch proof surface on tin plates and aluminum collapsible tubes used for packing of various preparations. The applications for this lacquer includes packaging of food articles, beverages, fruit juices, oral preparations, cosmetics, medicines, pharmaceutical ointments, pesticides, insecticides and various other chemicals, solvents etc.

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## MATERIAL SAFETY DATA :

Flash point <sup>0</sup> C. (Abel closed cup)	23
Flammability	Moderate fire risks.
Toxicity	(1) Moderately toxic by exposure and inhalation due to vapours of n-Butanol, D.A.A., Xylene And Propylene Glycol Mono Methyl Ether (2) Completely cured coating is totally safe for food contact applications.
Handling	Keep away from sources of ignition, provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothings.
Emergency treatment and measures	
1 Hygienic precautions	Adequate ventilations.
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.
3 Fire precautions (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray may help to keep containers cool, to dilute leaked resins and to diffuse vapours.
Spills and leakage	Absorb liquid materials in sand and collect solid material and burn under hood in incinerator.
Disposal and waste treatment	Spray into furnace under controlled conditions.

### STORAGE :

Due to thermosetting nature of Synpol EP 7030, it should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 3 months at 30<sup>0</sup> C.

### PACKING :

25 kgs. M.S. drums and 200 kgs. M.S. barrels.

### DISCLAIMER :

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

We would like to point that the above stoving schedule is only a recommendation and may require to be altered to suit the conditions and efficacy of the equipment employed.

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