



SYNPOL PRODUCTS PRIVATE LTD.

Regd Office & Factory: 77, G.V.M.S. AUDYOGIC VASAHAT LTD.,
ODHAV, AHMEDABAD – 382 415, INDIA

PRODUCT CODE : EPOXY / 03.15

Synpol 2080

TYPE : Fatty acid modified epoxy ester

DESCRIPTION : Solution of non-oxidising fatty acid modified epoxy ester.

SPECIFICATIONS :

1) Appearance	Clear pale yellow viscous liquid.
2) Density @ 25 ⁰ C.	0.97 - 0.98
3) % Solids @ 120 ⁰ C. for 2 hrs.	48 - 52
4) Solvent	Xylene
5) Viscosity of supply @ 25 ⁰ C., poises (gardner)	20 - 30
6) Colour value (gardner)	5 max.
7) Acid value (mg KOH/g) of resin solids.	7 max.

SOLUBILITY : Synpol 2080 is soluble in higher alcohols, esters, ketones, glycol ethers, aromatic hydrocarbons. It is insoluble in aliphatic hydrocarbons and water.

COMPATIBILITY : Synpol 2080 is compatible with short oil alkyd resins, and all types of butylated UF & MF resins.

APPLICATIONS : Synpol 2080 is very useful for manufacture of clear and pigmented baking finishes for electrical and electronics components, ceramic capacitors, kitchen appliances and hospital equipments. Synpol 2080 requires suitable grades of amino resins as a cross-linking resin in above mentioned applications.

SUGGESTIVE FORMULATION :

Epoxy ester amino based clear stoving lacquer for electronic components.

	kgs.
Synpol 2080	56.0
Synpol MF -268	20.0
N-Butyl alcohol	8.0
Xylene	<u>16.0</u>
Total	100.0
% Solids	40.0
Epoxy ester MF ratio	70 : 30
Stoving schedule @ 120 ⁰ C, minutes	20 - 30

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DISCLAIMER: Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

MATERIAL SAFETY DATA :

Product name	Synpol 2080
Flash point ° C. (Abel closed cup)	30
Flammability	Moderate fire risk
Toxicity	Mild toxic by exposure and inhalation due to vapours of xylene.
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 :

Synpol 2080 should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

PACKING :

25 kgs. M.S. drums, 50 kgs. Plastic carboys 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.

Issue date : Jan. 2009

Riv-04