



PRODUCT CODE : EPOXY / 03.30

Synpol 215

TYPE : Liquid epoxy resin modified with reactive diluent.

DESCRIPTION : Epoxy resin based on Bisphenol A and Epichlorohydrine modified with reactive diluent of very low vapour pressure.

SPECIFICATIONS :

1) Appearance	Light straw colour viscous liquid.
2) Density @ 25 ⁰ C.	1.14 - 1.18
3) Viscosity @ 25 ⁰ C. , poises	15 - 25
4) Colour (gardner)	3 max.
5) Epoxide equivalent weight	170 – 205
6) Epoxy Value	4.9 – 5.9

SOLUBILITY :

Synpol 215 is soluble in higher alcohols, esters, ketones, glycol ethers and aromatic hydrocarbons.

COMPATIBILITY :

Synpol 215 is compatible with reactive and non reactive diluents, plastisizers, and other modified epoxy resins. It can be cross-linked with amine, anhydride, polyamide and other hardeners commonly used with epoxy resins.

APPLICATIONS :

Synpol 215 has been specifically developed to provide the most agreeable handling characteristics and the highest degree of safety (e.g. high flash point) possible in a low viscosity resin, together with excellent filler and substrate wetting properties. The use of Synpol 215 is suggested when these properties outweigh the attainment of the highest possible chemical resistance. Applications include compositions for the building and civil engineering industries, solventless and high solids coatings, formulations for hand lay-up laminating, etc.

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MATERIAL SAFETY DATA :

Product name	Synpol 215
Flash point ⁰ C. (Abel closed cup)	Above 150
Flammability	Combustible
Toxicity	Mild toxic
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 215 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.

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