

UN-P303B



General Description **UN-P303B** is used as an additive for solvent based paints and coatings to impart protection against corrosion. **UN-P303B** is available with specific compatibility towards several resins allowing for incorporation into most material processes.

Composition **UN-P303B** is manufactured by United Nanotech Products Ltd. and is described chemically as a combination of metal oxide nano- and micron-size particles and polymers.

Typical Properties **UN-P303B** has the following typical properties:

Property		Analysis
Appearance		Brown suspension
Odour		Pungent
Solubility	Epoxy Alkyd	Miscible with most varieties Miscible with most varieties
Stability	Light Temperature	Stable 0 - 60°C
Specific gravity		1.1 – 1.2
Viscosity) at 30°C (40% MTO solution)		~ 30 cP
Active component		~ 10 %

Addition **UN-P303B** should be added at charging stage under stirring. Good homogeneous distribution must be observed.

Use Level 2.0% or more **UN-P303B** to be used based on paint weight.

Test result Epoxy paint formulated using **UN-P303B**, tested for 'Protection against Corrosion' and meets requirements as per IS101 (Pt.6)/Sec 1-1988.

Storage Conditions **UN-P303B** should be stored at temperatures within the range 0-60°C. Storage conditions should also be in conformance with applicable legal, fire and insurance regulations.

Shelf Life Under correct storage conditions the normal shelf life for this product is 12 months.

Safety Data Sheet MSDS is available upon request.