



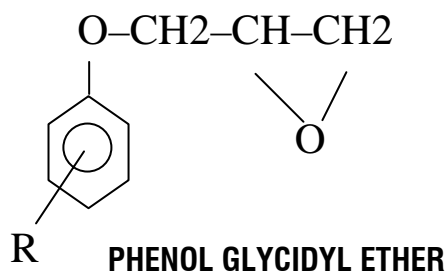
Technical Data Sheet

P - EPOX - 7514

REACTIVE DILUENT FOR EPOXY RESIN

Paladin **P EPOX - 7514** is light colour, colour stable & low viscosity reactive epoxy diluent. It imparts flexibility & highly useful in formulating low **VOC** epoxy coatings.

Chemical Structure



Advantages

- Very good compatibility with bis-phenol-A, bis-phenol-F & phenolic epoxies
- Low viscosity
- Excellent flexibility
- Excellent chemical & water resistance
- Useful for formulating low VOC products
- Increased thermal shock resistance
- Maintains electrical properties
- Light & stable colour

Applications

- Flexible, water & chemical resistant coatings
- To manufacture, amine adduct, hardener for flexible epoxy coatings
- Epoxy coatings, for industrial floorings, with excellent chemical, water & abrasion resistance.

Typical Properties

Sr. No	Property	Unit	Specification
i)	Appearance	Visual	Light Pale Yellow Liquid
ii)	Colour	Gardner	5 Max
iii)	N.V.M.	%	98.0 Min
iv)	Viscosity @ 25 ° C	cPs	100 - 200
v)	Viscosity @ 30 ° C FCB-4 Cup	Sec	40 - 60
vi)	Epoxy Equivalent Weight (EEWT)	g / eq.	370 - 470
vii)	Density @ 25° C	g / cm ³	0.99 - 1.01
viii)	Flash Point (Closed Cup)	°c	>200
ix)	Hydrolysable Chlorine	%	2 max
x)	Recommended PHR (Liquid Epoxy Resin -190)	--	2 - 20



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Storage & Stability

Paladin P EPOX - 7514 has storage stability of 1 year provided, It is stored in tightly closed container to avoid contamination & stored in cool & dry place.

Handling Precautions

May be harmful if ingested or absorbed through the skin & can cause sensitization. Will cause severe inflammation in contact with eye & skin. Wash thoroughly after handling. Adequate ventilation is essential during application. Containers should be tightly closed when not in use or during transportation. Do not inhale mist or vapors. It is recommended to use gloves, safety glasses & protective clothing for safe handling.

First AID

In case of

- Inhalation** : Remove to fresh air & give oxygen if breathing is difficult.
- Ingestion** : Give plenty of water. Do not induce vomiting. Contact a physician.
- Contact with eyes** : Flush eyes with plenty of clean water for at least 15 minutes.
- Contact with skin** : Immediately wash with mild soap & water.

Disclaimer

All information contained is based on practical experience. Our technical advice – whether verbal, written by way of trials are given in good faith. Neither warranty nor guarantee is offered or implied & accepted at the seller's risk, since the actual conditions prevailing at the time of using this product are outside the control of the company. Hence it is entirely buyer's & user's responsibility. While the information contained here in is believed to be reliable. **Paladin Paints & Chemicals Pvt. Ltd.** makes no representations as to the results the user or buyer will attain. Product performance & full scale testing are the responsibilities of the buyer & user.

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