

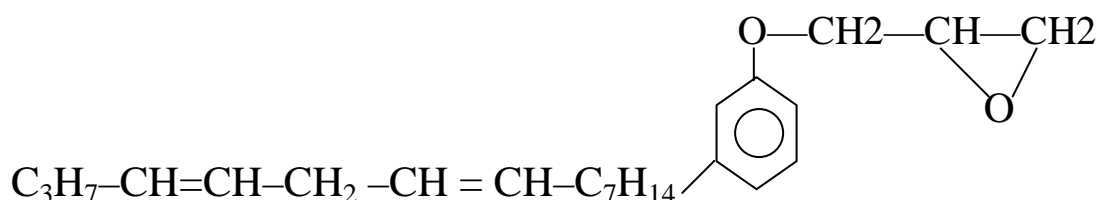


Technical Data Sheet

P - EPOX - 7513 REACTIVE EPOXY DILUENT

Paladin **P EPOX - 7513** is low viscosity reactive epoxy diluent. It imparts flexibility & can help in formulating low VOC epoxy coating.

Chemical Structure



CARDPHENOL GLYCIDYL ETHER

Advantages

- Very good compatibility with bis-phenol A , bis-phenol F & phenolic epoxies
- Low viscosity
- Excellent flexibility
- Excellent chemical & water resistance
- Low VOC products can be formulated
- Increased thermal shock resistance
- Maintains electrical properties

Applications

- Flexible & water resistant coating
- Epoxy coatings for storage & transportation of potable water
- Reactive Diluent for flexible epoxy coatings
- Epoxy coatings for industrial flooring with excellent chemical, water & abrasion resistance.

Typical Properties

Sr. No.	Property	Unit	Specification
i)	Appearance	Visual	Light Brown Liquid
ii)	Colour	Gardner	13 Max
iii)	N.V.M.	%	Solvent Free
iv)	Viscosity @ 25 ° C	cPs	40 - 70
v)	Epoxy Equivalent Weight (EEWT)	g / eq.	425 - 575
vi)	Density @ 25° C	g / cm ³	0.95 - 0.98
vii)	Flash point (Closed Cup)	°C	205
viii)	Hydrolysable Chlorine	%	< 2 max
ix)	Recommended PHR (Liquid Epoxy Resin -190)	--	2 - 20



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Storage & Stability

Paladin P - Epox - 7513 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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