



## P - EPOX – 2480 X 75 SPECIALITY NOVOLAC EPOXY RESIN

It is a low viscosity Novolac Epoxy resin based on Bisphenol A and alkyl phenol.

### CARDPHENOL GLYCIDYL ETHER

#### **Advantages**

- Useful for High solids / Solvent free formulations
- Very good compatibility with bis-phenol A , bis-phenol F & Phenolic Epoxies
- Low viscosity
- Excellent flexibility
- Excellent chemical & water resistance
- Better thermal shock resistance
- Offers good electrical properties

#### **Applications**

- Flexible & water resistant coatings
- Epoxy coating for storage tanks & pipelines of potable water, Fuels, Chemicals etc
- Base for manufacturing flexible amine adduct
- Epoxy coatings with excellent mechanical properties & chemical resistance
- Self leveling & mortar flooring, etc. epoxy coatings with various curing agents such as polyamine, amine adducts, polyamide, polyamide adducts, phenalkamines & phenalkamindes etc.

#### **Typical Properties**

Sr. no	Property	Unit	Specification
i)	Appearance	Visual	Clear
ii)	Colour	Gardner	17 Max
iii)	Viscosity @ 25 ° C	cPs	1000 – 1500
iv)	N.V.M	%	75 ± 2
v)	Epoxy Equivalent weight (EEWT)	g/eq.	600 – 680
vi)	Density @ 25° C	g/cm <sup>3</sup>	0.96 – 0.98
vii)	Flash point (Closed cup )	°c / °F	32° / 89.6°
viii)	Hydrolysable chlorine	%	0.1% Max



### Storage & Stability

Paladin **PEPOX – 2480 X 75** 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.

Paladin Paints & Chemicals Pvt. Ltd.

Unit No-204, Monarch Chambers, Marol Maroshi Road, Marol Naka, Andheri (E), Mumbai 400 059, Maharashtra, India.

**Phone** : (022) 29202587 / 29206258 . **Fax** : (022) 29254386 . **Email** : vanaprabha@vsnl.com