



Greater Versatility = Higher Trading Profit

Ship owners generate higher profits by getting a high Return on Investment (ROI). A key decision is to choose the right cargo tank coating that offers the greatest sequencing possibilities and the opportunity to carry higher specification cargoes. MarineLine® provides this solution as shown on this chart comparing frequently carried chemicals and the chemical resistance differences of MarineLine® vs. Phenol Epoxy. See the full MarineLine® Chemical Resistance Guide, with thousands of chemicals at: www.adv-polymer.com

TECHNICAL REPORT

| Phenol Epoxy | | MarineLINE® | Phenol Epoxy | | MarineLINE® |
|----------------------------|-----------|-------------|---|-----------|-------------|
| Inorganic Chemicals | | | | | |
| Caustic Soda ≤ 25% | Y | Y | PFAD | R3, ≤60°C | Y |
| Caustic Soda 30-49% | ≤40°C | Y | Palm Oil | R3, ≤50°C | Y |
| Caustic Soda 50% | ≤60°C | Y | Palm Kernel Oil (H ₂ SO ₄ free) | R3, ≤60°C | Y |
| Phosphoric Acid | N | Y | Soybean Oil | R3, ≤50°C | Y |
| Sulphuric Acid | N | Y | Cottonseed Oil | R3, ≤60°C | Y |
| Organic Chemicals | | | | | |
| Acetone | R4 | Y | Groundnut Oil | R3, ≤60°C | Y |
| Acrylonitrile | N | Y | Sunflower Oil | R3, ≤60°C | Y |
| Acetic Acid | N | Y | Rapeseed Oil | R3, ≤60°C | Y |
| Bio-Diesel | R3 | Y | Corn Oil | R3, ≤60°C | Y |
| Benzene | Y | Y | Coconut Oil | R3, ≤60°C | Y |
| Cumene | Y | Y | Olive Oil | R3, ≤60°C | Y |
| EDC | R1, R4 | Y | Castor Oil | R3 | Y |
| Ethanol | R4, R11 | Y | Linseed Oil | R3, ≤60°C | Y |
| Ethylene Glycol | Y | Y | Tallow | R3, ≤60°C | Y |
| Methanol | R4, R11 | Y | Fish Oil | R3, ≤60°C | Y |
| MTBE | Y | Y | Lard Acid Oil | R3, ≤50°C | Y |
| Palmitic Acid | R3, ≤60°C | Y | | | |
| Phenol | N | Y | | | |
| Stearic Acid | R3, ≤60°C | Y | | | |
| Styrene | R8 | Y | | | |
| Toluene | Y | Y | | | |
| UAN Solutions | R16 | Y | | | |
| Xylenes | Y | Y | | | |
| UAN | R1 | Y | | | |
| Xylenes | Y | Y | | | |

Y = OK to Carry
 N = Not to Carry
 R# = See phenolic epoxy coating manufacturer's full chemical resistance tables for definition of service restrictions.

For complete chemical resistance information, contact the respective coating manufacturers.