



MarineLINE®

Why Product Purity is So Important for Your Cargo Tank Coating

The single most important service that owners of chemical and product tankers can provide for their customers is the delivery of cargoes in the same state as when they were first loaded.

In essence, we are talking about ensuring product purity. Many factors can possibly affect purity, but probably the most important consideration is specifying the right cargo tank coating or material to prevent the absorption of chemical cargoes and then transmission into subsequent cargoes.

OUTSIDE TESTING DEMONSTRATES EXCELLENT MARINELINE® PERFORMANCE

MarineLINE®

An independent study investigated the cargo handling and tank cleaning capabilities of stainless steel and various cargo tank coatings including phenolic epoxy, high solids epoxy, zinc silicate, and MarineLine® from Advanced Polymer Coatings.

The study illustrated that...

- of all the lining materials, MarineLine® and stainless steel behaved almost the same and these were superior to all other coatings.
- when comparing MarineLine® against other coatings, it was apparent MarineLine® did not seem to absorb

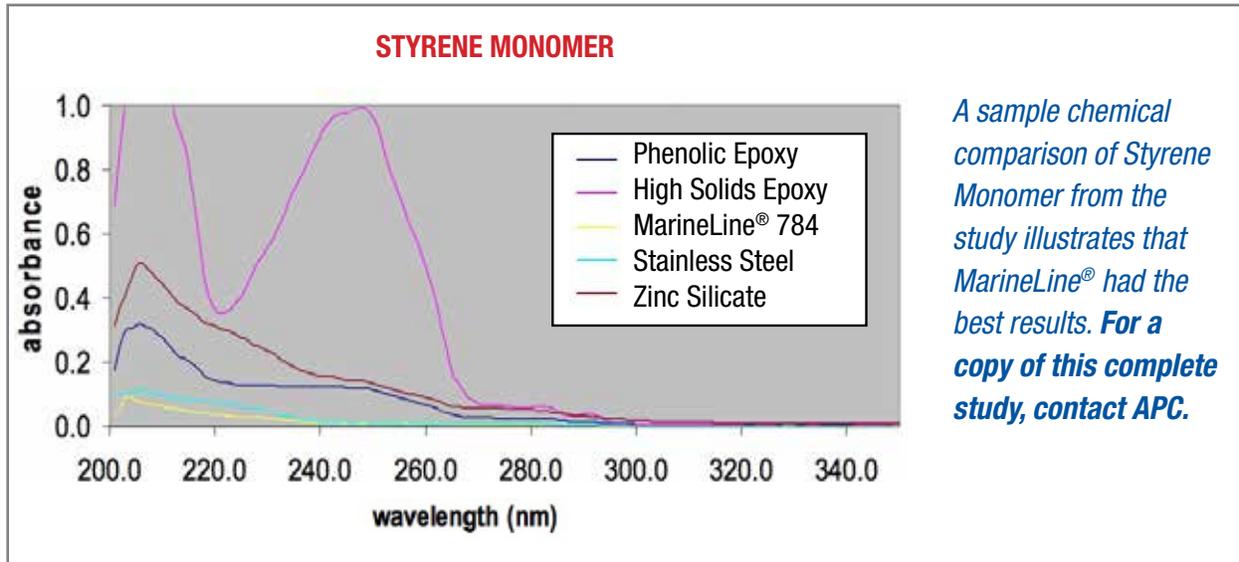
penetrative chemical cargoes, nor did it allow viscous oil based cargoes to stick to its surface, thus possessing the advantages of both organic and inorganic coatings. Separately, however, zinc silicate coating did retain viscous cargoes and organic coatings did retain solvent cargoes.



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TECHNICAL REPORT



OVERALL STUDY CONCLUSIONS SHOW THAT MARINELINE®...

1. provides significantly quicker cleaning from oil based cargoes compared to zinc silicate
2. does not have the problems associated with organic coatings from having to remove absorbed cargoes
3. reduces the need for tank cleaning chemicals, lowers tank cleaning costs and has much less environmental impact
4. has significantly less risk of contaminating subsequent cargoes because there are no retained residues

