



Peerless of America^{II}
Since 1912

Peerlite II Coating

Technical Data Sheet

Basic Material Construction: Modified Alkyd Polymer Fortified.

NSF, REACH, and ROHS Compliant.

Coating Thickness = 1 mil ave.

ASTM B117 Salt Spray Test - 15,000 hours.

ISO 16474-2; UV-resistance test - 2000 hours.

ASTM 2247; Humidity Test - 2000 hours.

ASTM G85 A3; SWATT Testing - 3120 hours.

ASTM G53 88; UV/QUV – 2000 hours.

ASTM D4145 2T & 522; Conformity for Flexibility – 0T, 1/8" mandrel.

ASTM D3359 5B; Conformity to Crosshatch Test.

Mil-P-53084; Conformity to stated specifications.

ASTM D2794 93; Impact Resistance – 120 in. lbs.

ASTM 3359; Adhesion - 5B Rating.

RESISTANCE LIST PEERLITE II COATING

The Peerlite II Coating has been tested against various exposure conditions which can be present in many different applications. Resistance is expressed by terms of vapors, not fluids.

Checkmarks indicate the Peerlite II Coating is corrosion resistant to the following concentrations:

ALKALINES

1. Ammonia
2. Ammoniac solution
3. Caustic soda
4. Sodium hydroxyde
5. Caustic potassium
6. Potassium hydroxide
7. Lithium hydroxide
8. Calcium hydroxide
9. Magnesium hydroxide

< 10 ppm	< 100 ppm	All
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ALCOHOLS

10. Methanol
11. Ethanol
12. Isopropanol
13. Butanol
14. Amyl alcohol
15. Benzyl alcohol
16. Diacetone alcohol
17. Glycerine
18. Propanol
19. Pentanol

< 10 ppm	< 100 ppm	All
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ALIPHATIC HYDROCARBONS

- 20. White spirit
- 21. Shellsol TD
- 22. Bitumen
- 23. Isopar G
- 24. Paraffine

< 10 ppm	< 100 ppm	All
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AMINES

- 25. Triethanolamine
- 26. Aniline sulphate
- 27. Hexamethylenetetraamine
- 28. Hexaandiamine
- 29. Phenylidiamine
- 30. Cyclohexylamine
- 31. Triethylamine
- 32. Aniline
- 33. Aniline chloride
- 34. Methylamine
- 35. Isoferondiamine
- 36. Diphenylmethanediamine

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INORGANIC

37. Arsenic
 38. Boric acid
 39. Hydrogen carbonate
 40. Chromic acid
 41. Bromic acid
 42. Hydrochloric acid
 43. Hydrogen fluoride
 44. Hydrogen sulphide
 45. Nitric acid
 46. Nitrous acid
 47. Sulphuric acid
 48. Sulphurous acid
 49. Phosphoric acid
 50. Perchloric acid
 51. Selenic acid

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AROMATIC HYDROCARBONS

52. Xylene
 53. Toluene
 54. Asphalt
 55. Anthracene
 56. Benzapherene
 57. Gumlac
 58. Benzene
 59. Naphtha
 60. Naftalene
 61. Terpenes

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FUELS AND OILS

- 62. Diesel
- 63. Fuel oil
- 64. Petrol
- 65. Super petrol
- 66. Lubricating oils
- 67. Kerosene
- 68. Sferic oils
- 69. LPG
- 70. Mineral oils
- 71. Animal oils
- 72. Ethric oils
- 73. Vegetable oils

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- 74. Butane
- 75. Acetylene
- 76. Methane

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ETHERS

- 77. Diethyl ether
- 78. Acetic ether

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ESTERS

79. Ethyl acetate
 80. Amyl acetate
 81. Propyl acetate
 82. Ethyl oxalate
 83. Butyl acetate
 84. Butyl propionate
 85. Ethyl formiate
 86. Ethyl benzoate

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HALOGENATED HYDROCARBONS

87. 1.1.1. Trichloroethane
 88. Methylenechloride
 89. Methylbromide
 90. Tetrachloromethane
 91. Dichloromethane
 92. Trichloroethylene
 93. Perchloroethylene
 94. Tetraiodicmethane
 95. PCB

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KETONES AND ALDEHYDES

96. Acetone
 97. Aceetaldehyde
 98. Benzaldehyde
 99. Formaldehyde
 100. Salicylaldehyde
 101. Diisobutylketone
 102. Methylisobutylketone
 103. Methyleneethylketone
 104. Methylisoamylketone
 105. Crotonaldehyde

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SOFTENERS

- 106. Palatinol C
- 107. Chloroparaffine 5XX vl.
- 108. Dioctylphtalate
- 109. Dibutylphtalate
- 110. Desavin
- 111. Disflamol TOF
- 112. Mesamol

- 113. Dinonylphenol

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ORGANIC

- 114. Acetic acid
- 115. Benzoic acid
- 116. Lactic acid
- 117. Phenols
- 118. Citric acid
- 119. Fatty acids
- 120. Formic acid
- 121. Hydrocyanic acid
- 122. Malic acid
- 123. Margaric acid
- 124. Picric acid
- 125. Oleic acid
- 126. Oxalic acid
- 127. Sulphamic acid
- 128. Palmitic acid
- 129. Tannin
- 130. Phthalic acid
- 131. Propionic acid
- 132. Salicylic acid
- 133. Stearic acid
- 134. Valeric acid

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