SOLUBILITY OF PARLON—For additional information refer to Technical Bulletin CSL-204, Solubility Maps of Hercules Film-Formers.

Solvents

Amsco-Solv B-90 (KB 86)[a]
Amsco-Solv D-80 (KB 77)
Amsco-Solv E (KB 75)
Amsco-Solv F-80 (KB 80)
Amyl acetate
Benzene
Butyl Cellosolve
Carbon tetrachloride
Cellosolve
Cellosolve acetate
Cosol No. 2
Cyclohexanone
Diacetone alcohol
Diethyl carbonate
Ethyl acetate
Ethylene dichloride
Hi-flash naphtha (KB 77)
Methyl acetate
Methylene chloride
Methyl ethyl ketone
Methyl isobutyl ketone
Methyl salicylate
2-Nitropropane
Octyl acetate
Solvesso 100 (KB 89)
Solvesso 150 (KB 88)
Toluene
Xylene

Solvent Binary Mixtures, Weight, %

Acetone 50-80, hexane 20-50
Butyl acetate 30-100, mineral spirits 0-70
Cellosolve 50-100, mineral spirits 0-50
Cellosolve 20-100, turpentine 0-80
Ethyl acetate 50-100, hexane 0-50
Hi-flash naphtha (KB 77) 70-100, turpentine 0-30
Methyl acetate 60-100, hexane 0-40
Methyl isobutyl ketone 40-100, Trolucil 0-60

Solvent Mixtures Suitable for Brush Application, Weight, %[b]

Amsco-Solv D	67	Solvesso 100	80
Solvesso 100	26	Turpentine or mineral spirits	20
Turpentine	7		

Solvent Mixtures Suitable for Spray Application, Weight, %[b]

Xylene	55	Xylene	80
Hi-flash naphtha	35	VM&P naphtha	20
Turpentine	10		

Nonsolvents

Acetone
Amsco-Solv A-80 (KB 76)
Amsco-Solv D (KB 69)
Butanol
Ethanol
Ethyl lactate
Gasoline
Heptane
Hexane
Methyl Cellosolve
Mineral spirits
Nitroethane
Nitromethane
Shell TS-28 (KB 70)
Trolucil
Turpentine
VM&P naphtha

[a] The kauri-butanol value (KB) shown after some of the proprietary solvents represents the value obtained for the given lot of solvent used to obtain the above data

[b] For Rule 442-acceptable solvent blends, refer to Technical Bulletin CSL-108, Formulation of Coatings Based on Parlon® Chlorinated Rubber to Comply With Rule 442

TABLE 2

binary mixture of 90% Acetone 10% Xylene helps solve the curdling problem. This Acetone/Xylene mixture really makes the slurry flow nicely, and only adds slightly to the drying time. If 100% Xylene is used the comp flows like thin syrup, drying time increases to a week or ten days and the finished Go Getter exploded when burnt.