

CLASS 4500

Vinyl polymers of high molecular weight, not easily soluble in fatty oils.

- 4500 - 4509 Rubber, natural or synthetic, Spirit soluble, Cyclized (Pliolite).
- 4510 - 4519 Rubber, natural or synthetic, Spirit soluble, Linear (Natural, GRS, GRN, etc.)
- 4520 - 4529 Rubber, natural or synthetic; Emulsified.
- 4530 - 4539 Rubber, natural or synthetic, Chlorinated (Parlon).
- 4540 - 4549 Acrylic, Spirit Soluble.
- 4550 - 4559 Acrylic, Emulsions.
- 4560 - 4569 Polyvinyl - Chloride - Acetate, Butyral spirit soluble and dispersion resins.
- 4570 - 4579 Polyvinyl Alcohol, Spirit Soluble.
- 4580 - 4589 Polyvinyl Chloride - Acetate, Butyral or Alcohol, Emulsified.
- 4590 - 4599 Open.

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Number	Material	% NVM	% NVV	Solvent	Flash Point
<u>Subclass 4500</u>					
4500	Pliolite S-5 Unmilled	100	100	-	-
45 A 12	Marbon 9200	100	100	-	-
45 A 16	Pliolite S-3	100	100	-	-
45 A 26	Pliolite S-5 Milled	100	100	-	-
(45 A 18)	Marbon 9200 Solution	40	35.2	(329)	100°F
(45 A 19)	Pliolite S-5 Solution	40	36	(329)	100°F
(45 A 20)	Pliolite S-3 Solution	10	8.2	(329)	100°F
(45 N 6)	Pliolite S-7-30	30	37	(317)	35°F

Subclass 4510

45 C 25	Smoked Rubber Sheet	100	100	-	-
45 C 31	Paracril CV	100	100	-	-
45 C 57	Crepe Rubber Milled	100	100	-	-
45 P 19	Lustrex 3	100	100	-	-
(45 C 26)	Rubber Solution	4	3.2	(323)	80°F
(45 F 28)	Natural Rubber Solvent	10	8	Aroma- tic	-

Subclass 4530

4530	Parlon 5 cps.	100	100	-	-
4531	Parlon 10 cps.	100	100	-	-
4532	Parlon 20 cps.	100	100	-	-
45 A 33	Alloprene B	100	100	-	-
45 L 4	Parlon 125 cps.	100	100	-	-
(45 A 5)	Parlon Solution 20 cps.	40	26	(323)	80°F
(45 A 27)	Parlon Solution 20 cps.	40	26	(329)	100°F
(45 A 28)	Parlon Solution 20 cps.	40	26	Blend	-
(45 D 30)	Parlon Solution 10 cps.	35	22.5	(329)	100°F
(45 F 19)	Parlon Solution 20 cps.	40	26	(317)	< 80°F
(45 F 23)	Parlon Solution 10 cps.	40	26	(323)	80°F
(45 T 1)	Parlon Solution 20 cps.	38.5	25	Blend	-

Subclass 4540

45 A 3	Butyl Methacrylate	100	100	-	-
45 C 27	Methacrylate Polymer #6	100	100	-	-
(45 A 9)	Butyl Methacrylate Solution	40	33.5	Blend	-
(45 C 52)	Acryloid B72	40	32.5	(317)	< 80°F
(45 C 62)	Acryloid B82	40	32.5	(317)	< 80°F
(45 P 3)	Acryloid A 10	30	25.5	(1234)	100°F
(45 N 15)	Acryloid B66	40	32.5	(317)	< 80°F

0007-PMC-000000304

Remarks	Spec. Gravity	Gal. /100#	#/ Gal.	Number
Fast Dry-Moisture and Chem. Res.	1.03	11.65	8.58	4500
Similar to 4500	1.05	11.4	8.75	45 A 12
High viscosity - body and holdout.	1.05	11.40	8.75	45 A 16
Similar to 4500	1.03	11.65	8.58	45 A 26
	.928		7.73	(45 A 18)
	.929		7.74	(45 A 19)
	.868		7.23	(45 A 20)
	.900		7.05	(45 N 6)
Suspending agent in automotive lacquers.	1.09	11.00	9.08	45 C 25
	.984	12.20	8.2	45 C 31
	.910	13.20	7.58	45 C 57
	1.05	11.38	8.78	45 P 19
	.870		7.25	(45 C 26)
				(45 F 28)
Fast Dry-Moisture, Chemical and fire resistant.	1.63	7.35	13.60	4530
	1.63	7.35	13.60	4531
	1.63	7.35	13.60	4532
				45 A 33
	1.63	7.35	13.60	45 L 4
	1.06		8.82	(45 A 5)
	1.07		8.91	(45 A 27)
	1.06		8.86	(45 A 28)
	1.04		8.64	(45 D 30)
	1.06		8.85	(45 F 19)
	1.06		8.86	(45 F 23)
	1.05		8.78	(45 T 1)
Excellent clarity, durability, color retention, best resistance and moisture and chemical resistance.	1.05	11.4	8.75	45 A 3
	1.05	11.4	8.75	45 C 27
	.885		7.37	(45 A 9)
	.972		8.1	(45 C 52)
	.972		8.1	(45 C 62)
	1.03		8.60	(45 P 3)
	.972		8.1	(45 N 15)

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Number	Material	% NVM	% NVV	Solvent	PH
<u>Subclass 4520</u>					
(45 A 23)	BKS 114	40	38.8	(5120)	9-9.5
(45 A 24)	BKS 90	32	30.6	(5120)	8.9-9.9
(45 C 3)	Lustrex X600	40	38.8	(5120)	9-10
(45 C 51)	762W Latex	48	47.2	(5120)	
(45 C 60)	Pliolite Latex 160 GR.	45	44.5	(5120)	
(45 C 73)	Latex 529W	46	44.2	(5120)	10-12
(45 C 75)	Polyco 350-35 NS	45	44	(5120)	8-10
(45 C 76)	BKS 177	40	38.8	(5120)	9-9.5
(45 D 20)	Latex 512K	46	45.8	(5120)	
(45 F 2)	Chemi-Gun 1527 - 116	62		(5120)	
(45 F 3)	Hycar Latex 1542	35	35	(5120)	
(45 F 17)	Chemi-Gun Latex 101 A	56	56.6	(5120)	
(45 F 24)	Hycar Latex 1561	40	40	(5120)	8.4
(45 F 27)	Hycar Latex 1562	40	40	(5120)	8.4

Subclass 4550

(45 C 53)	Polyco 296 N	15	15	(5120)	}
(45 C 54)	Acrysol GS - New	12.5	12.5	(5120)	
(45 C 55)	Acrylic Polymer 201	15	14.2	(5120)	
(45 C 56)	Good Rite 750 X10	15	17.8	(5120)	
(45 C 64)	Modicol VD	15	14.2	(5120)	
(45 C 79)	Rhoplex AC-33	46	43.8	(5120)	
(45 D 50)	Rhoplex WN-80	40	42.5	(5120)	9-9.5
(45 N 9)	Acrysol A-3	25	18.2	(5120)	

Number	Material	% NVM	% NVV	Solvent	Flash Point
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Subclass 4560

4560	Vynlite VAGH	100	100	-	-
4561	Vynlite VYHH	100	100	-	-
4562	Vynlite VMCH	100	100	-	-
4565	Vynlite XYHL	100	100	-	-
45 A 11	Vynlite VYNV-1	100	100	-	-
45 C 32	Vynlite VYLF	100	100	-	-
45 C 63	Polyco C-3 V-10 M	100	100	-	-
45 C 66	Butvar B-90	100	100	-	-
45 C 72	Polyco C-3 V-20	100	100	-	-
45 F 10	Gelva V-60	100	100	-	-
45 F 11	Saran F-120	100	100	-	-
45 N 7	Vynlite VYNS-3	100	100	-	-
45 N 11	Vynlite QYNV	100	100	-	-
45 N 13	Vynlite VYCM	100	100	-	-
(45 C 8)	VYHH Solution	15	9.4	(540)	< 80°F
(45 C 9)	VAGH Solution	25	16.5	(540)	< 80°F

Remarks	Spec. Gravity	Gal. /100#	#/ Gal.	Number
Plasticized Polystyrene better flex. and color retention than (45 C 76).	1.02		8.5	(45 A 23)
Unplasticized Polystyrene.	1.02		8.5	(45 A 24)
Self polishing wax.	1.02		8.5	(45 C 3)
Super Kem-Tone.	1.01		8.45	(45 C 51)
Super Kem-Tone.	1.01		8.40	(45 C 60)
Super Kem-Tone.	1.01		8.45	(45 C 73)
Industrial Emulsions.	1.02		8.5	(45 C 75)
Plasticized Polystyrene.	1.02		8.5	(45 C 76)
Exterior Masonry Finishes.	1.00		8.36	(45 D 20)
Sherdye				(45 F 2)
Sherdye	1.00		8.29	(45 F 3)
Sherdye	.985		8.21	(45 F 17)
Sherdye and rubber coatings.	1.00		8.33	(45 F 24)
Sherdye	1.00		8.33	(45 F 27)
Sodium Polyacrylates.	1.00		8.35	(45 C 53)
Suspending and thickening agents in emulsion paints.	1.00		8.35	(45 C 54)
	1.01		8.40	(45 C 55)
	.965		8.05	(45 C 56)
	1.01		8.4	(45 C 64)
Excellent general purpose emulsion vehicle.	1.04		8.67	(45 C 79)
Acrylic Latex - try (45 C 79).	.960		8	(45 D 50)
Wetting agent and dispersion aid.	1.09		9.08	(45 N 9)
Adhesion to wash primer and alkyd compatibility.	1.39	8.63	11.6	4560
General purpose vinyl resin.	1.36	8.82	11.3	4561
Vinyl metal primers.	1.35	8.88	11.2	4562
Wash primers - 45 C 66 preferred.	1.12	10.70	9.33	4565
Used as inert in baking enamel for abrasion resistance.	1.39	8.65	11.55	45 A 11
Low vis. vinyl resin for higher solids.	1.34	8.95	11.2	45 C 32
Alkali or alcohol soluble resin.	1.20	10.00	10.00	45 C 63
Wash Primers.	1.10	10.9	9.16	45 C 66
See (45 C 63) - higher visc. grade.	1.20	10.00	10.00	45 C 72
Adhesives.	1.19	10.1	9.91	45 F 10
Water and gasoline resistant	1.61	7.45	13.40	45 F 11
Government Specifications.				
Strippable coating and "mothballing."	1.36	8.82	11.3	45 N 7
Plastisol Resin - stir in.	1.39	8.62	11.62	45 N 11
Similar to 45 N 7.	1.37	8.77	11.4	45 N 13
	.852		7.10	(45 C 8)
	.892		7.43	(45 C 9)

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Number	Material	% NVH	% NVV	Solvent	Flash Point
(45 C 10)	VIHH Solution	25	16.5	(540)	80°F
(45 C 21)	Butvar B-90 Solution	8.5	6.4	Blend	80°F
(45 C 37)	VIHH Solution	15	10.6	(556)	100°F
(45 C 38)	VIHH Solution	25	18.3	(556)	100°F
(45 C 40)	Butyral Resin Solution	8.5	6.2	Blend	80°F
(45 C 69)	Vinylite VYCC	40	29	(1222)	100°F

Subclass 4570

(45 A 29)	Elvanol 72-60	100	100	-	-
(45 C 84)	Elvanol 70-05	100	100	-	-
(45 F 25)	Elvanol 51-05	100	100	-	-
(45 A 31)	Polyvinyl Alcohol Solution	7	6.2	(5120)	-

Number	Material	% NVH	% NVV	Solvent	PH
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Subclass 4580

(4580)	Elvacet 81-900	55.	50.3	(5120)	4-6
(45 A 7)	Geon 652 Latex	50	38.2	(5120)	6
(45 A 32)	Saran F122 A 15	52	36.3	(5120)	
(45 A 37)	Resyn 12 K 51	55	50.8	(5120)	
(45 C 70)	Polyco 1040-14B	55	50.3	(5120)	
(45 C 85)	Lustrex X680	45	43.5	(5120)	
(45 D 61)	Resyn 22 K 11	55	50.8	(5120)	
(45 F 9)	Geon Latex 576	55	49.2	(5120)	9.0
(45 F 14)	Geon Latex PX 43	55	52.5	(5120)	8.0
(45 F 15)	Geon Latex 351	50	47.2	(5120)	8
(45 F 18)	Geon Latex 251	52	49.5	(5120)	
(45 N 10)	Norvan G	50	46	(5120)	

Remarks	Spec. Gravity	Gal. /100#	#/ Gal.	Number
	.892		7.43	(45 C 10)
	.829		6.90	(45 C 11)
	.953		7.94	(45 C 37)
	.989		8.24	(45 C 38)
	.808		6.74	(45 C 40)
Compatibility with Nitrocellulose	1.04		8.65	(45 C 69)
Protective Colloids and Thickening Agents in Emulsion Paints.	1.14	10.52	9.5	45 A 29 45 C 84 45 F 25
	101		8.4	(45 A 31)
Fast Dry Wall Primer & Sealer- Acoustical Tile.	1.10		9.2	(4580)
Paper Coatings.	1.24		10.3	(45 A 7)
	1.22		10.2	(45 A 32)
Internally Plasticized Poly Vinyl Acetate.	1.09		9.1	(45 A 37)
Acoustical Tile.	1.10		9.2	(45 C 70)
Internally Plasticized Copolymer.	1.03		8.55	(45 C 85)
Internally Plasticized Poly Vinyl Acetate.	1.09		9.1	(45 D 61)
Sherdye.	1.03		9.4	(45 F 9)
Sherdye.	1.06		8.8	(45 F 14)
Sherdye.	1.06		8.8	(45 F 15)
Sherdye.	1.03		8.6	(45 F 18)
Internally Plasticized Poly Vinyl Acetate.	1.08		9	(45 N 10)