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BOOK NO. 1 ISSUED TO J. P. WAGNER

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OFFICE.

KEEP THIS PAGE ATTACHED TO THE RAW MATERIAL CODE BOOK.

White and White Inert Pigments

W-1	Sublimed White Lead (Basic Sulphate of Lead) ✓
W-2	White Lead Carbonate ✓ <i>also use W104</i>
W-3	White Seal Zinc Oxide X
W-4 ✓	Green Seal Zinc Oxide ✓
W-5	Standard Zinc Oxide - 5% Loaded ✓
W-6	Lehigh Zinc Oxide - 35% Loaded ✓
W-7	Sterling Zinc Oxide X
W-8	Basofer (Barium Sulphate) ✓
W-9	English Whiting (Calcium Carbonate) X
W-10	Barytes (Barium Sulphate) ✓
W-11	Asbestine Pulp (Magnesium Silicate) 3X <i>substitute</i> ✓
W-12	China Clay - English Imported (Aluminum Silicate) ✓
W-13	Silex No. 1 X
W-14	Silex No. 2 X
W-15	Silex No. 4 X
W-16	Silica ✓
W-17	F.S.A. Silica X
W-18	Silver Sand Silica ✓
W-19	Barium Carbonate ✓
W-20	#710 AA Filler X
W-21	Carbonate of Magnesia ✓
W-22	Oxide of Magnesia ✓
W-23	Ponolith X
W-24	Ponolith - Off Color X
W-25	Timonox ✓
W-26	Grasselli White X
W-27	Putty Whiting <i>Triple</i> X
W-28	China Clay - Hyomissing X
W-29	No. 200 Mica X
W-30	Marbon White X
W-31	Metronite ✓
W-32	Plaster Paris ✓
W-33	ZZZ Zinc Oxide - Azo - Lead Free ✓
W-34	ZZ Zinc Oxide - Azo - 5% Loaded ✓
W-35	Z Zinc Oxide - Azo - 10% Loaded ✓
W-36	Red Seal Zinc Oxide ✓
W-37	Lump Chalk X
W-38	Marble Dust - (#320 Pigment) X
W-39	White Mineral Primer ✓
W-40	Silicate of Alumina X
W-41	Artificial Whiting ✓
W-42	Commercial Whiting (Calcium Carbonate) ✓
W-43	Paris White ✓
W-44	Soapstone (Talc) ✓
W-45	Sulphate of Lime (Terra Alba) (W-75 may be substituted for this) X <i>use</i> ✓
W-46	Barytes No. 2 (Off Color) X
W-47	Blanco Fixo (Barium Sulphate) ✓
W-48	Polar Zinc Oxide - 5% Loaded X
W-49	Diamond H Lithopone X
W-50	Aluminum Hydrate ✓

White and White Inert Pigments

- W-51 Whiting T.P.M. X
- W-52 Tamms Silica X
- W-53 Tomahawk Zinc Oxide X
- W-54 Lump China Clay X
- W-55 Arctic Zinc Oxide - (35% Loaded) X
- W-56 Off Color Sunolith (High Oil Absorption) Sweepings ✓
- W-57 Off Color Zinc Oxide ✓
- W-58 Off Color White Lead X
- W-59 Off Color Zinc Oxide - (5% Loaded) X
- W-60 Off Color Zinc Oxide - (35% Loaded) X
- W-61 Off Color Sublimed White Lead X
- W-62 Gilders' Whiting ✓
- W-63 Enamel Calcite (Calcium Carbonate) ✓
- W-64 Keene's Cement X
- W-65 Banding Sand ✓
- W-66 BXX Titanox (30% Titanium Oxide - 70% Barium Sulphate) ✓
- W-67 Pharmaceutical Zinc Oxide ✓
- W-68 Victor White X
- W-69 Sunolith (High Oil Absorption) (4-0) Astrolith ✓
- W-70 Albalith (Low Oil Absorption) (Use W-77) X
- W-71 Anaconda White Lead - Carbonate D-303 Oil Absorption 10.2 X
- W-72 Lump Barytes X
- W-73 Silica - #1240 Carrara X
- W-74 20% Loaded Zinc Oxide X
- W-76 Euston White Lead Carbonate (Standard Grade) $Pb(OH)_2 - 2 PbCO_3$ ✓
- W-77 Special Sunolith - Low Oil Absorption (#00) Astrolith ✓
- W-78 Daiggers Whiting X
- W-79 Levigated Aluminum X
- W-80 Suporlith X (Proctor & Johnson)
- W-81 Carter White Lead X
- W-82 2-B Pigment (New Jersey Zinc Co.) (50% Zinc Sulphide) (50% Barium Sulphate) ✓
- W-83 Sierra Mist Tale ✓
- W-84 Sierra Cloud Tale ✓
- W-85 Tolunite (Domestic China Clay) ✓
- W-86 Atomized Whiting X
- W-87 Off Color Sunolith (Low Oil Absorption) ✓
- W-88 Gold Bond Silica X
- W-89 Titanolith (Titanium Oxide 15% - Lithopone 85%) High Oil ✓
- W-90 No. 550 Zinc ✓
- W-91 Titanium Oxide 20% opaque S.D. (Anatase Type) - RG for water ✓
- W-92 F. Floated Infusorial Earth ✓
- W-93 #1 White D. G. Tripoli ✓
- W-94 Domestic Clay I (China Clay) ✓
- W-95 Titanolith (Low Oil Absorption) untreated ✓
- W-96 Off Grade Low Oil Absorption Titanolith ✓
- W-97 Dispersion Grade Lithopone (Low Oil Absorption) Astrolith ✓
- W-98 Off Grade High Oil Absorption Titanolith ✓
- W-99 Dispersion Grade Lithopone (High Oil Absorption) ✓
- W-100 Spec. Zinc Oxide X (O. A. Mason)

White and White Inert Pigments

- W-51 Whiting T.P.M. X
- W-52 Tamm's Silica X
- W-53 Tomahawk Zinc Oxide X
- W-54 Lump China Clay X
- W-55 Arctic Zinc Oxide - (35% Loaded) X
- W-56 Off Color Sunolith (High Oil Absorption) Sweepings ✓
- W-57 Off Color Zinc Oxide X
- W-58 Off Color White Lead X
- W-59 Off Color Zinc Oxide - (5% Loaded) X
- W-60 Off Color Zinc Oxide - (35% Loaded) X
- W-61 Off Color Sublimed White Lead X
- W-62 Gilders' Whiting ✓
- W-63 Enamel Calcite (Calcium Carbonate) ✓
- W-64 Keene's Cement X
- W-65 Banding Sand ✓
- W-66 BXX Titanox (30% Titanium Oxide - 70% Barium Sulphate) ✓
- W-67 Pharmaceutical Zinc Oxide ✓
- W-68 Victor White ✓
- W-69 Sunolith (High Oil Absorption) (400) Astrolith ✓
- W-70 Albolith (Low Oil Absorption) (Use W-77) X
- W-71 Anaconda White Lead - Carbonate D-303 Oil Absorption 10.2 X
- W-72 Lump Barytes ✓
- W-73 Silica - #1200 Barrar ✓
- W-74 20% Loaded Zinc Oxide ✓
- W-76 Euston White Lead Carbonate (Standard Grade) $Pb(OH)_2 + 2 PbCO_3$ ✓
- W-77 Special Sunolith - Low Oil Absorption (400) Astrolith ✓
- W-78 Daiglers Whiting X
- W-79 Levigated Aluminum X
- W-80 Suprolith X (Proctor & Johnson)
- W-81 Carter White Lead X
- W-82 2-B Pigment (New Jersey Line 005) (50% Zinc Sulphide) (50% Barium Sulphate) ✓
- W-83 Sierra Mist Silica ✓
- W-84 Sierra Cloud Silica ✓
- W-85 Tolantite (Domestic China Clay) ✓
- W-86 Atomised Whiting X
- W-87 Off Color Sunolith (Low Oil Absorption) ✓
- W-88 Gold Bond Silica X
- W-89 Titanolith (Titanium Oxide 15% - Lithopone 85%) High Oil ✓
- W-90 No. 550 Zinc ✓
- W-91 Titanium Oxide - 2.5% (Anatase Type) *RG-furniture* ✓
- W-92 F. Floated Industrial Earth ✓
- W-93 #1 White D. G. Tripoli ✓
- W-94 Domestic Clay I (China Clay) ✓
- W-95 Titanolith (Low Oil Absorption) untreated ✓
- W-96 Off Grade Low Oil Absorption Titanolith ✓
- W-97 Dispersion Grade Lithopone (Low Oil Absorption) Astrolith ✓
- W-98 Off Grade High Oil Absorption Titanolith ✓
- W-99 Dispersion Grade Lithopone (High Oil Absorption) ✓
- W-100 Spec. Zinc Oxide X (O. A. Fash)
- 105 Gypsum (Calcium Sulphate) ✓

GLIDDEN CODE SYSTEM

White and White Inert Pigments

W-101	Limeolith	X	
W-102	Catalpo	✓	
W-103	Titanox C 30% Ti O ₂ - 70% Ca SO ₄	X	
W-104	Easton White Lead (High Covering)	✓	
W-105	S.E.G. Enamel Grade Astrolith (Low Oil)	✓	
W-106	Easton White Lead Carbonate (Superior Grade) High Consistency	✓	
W-107	L. O. Dispersion Grade Lithopone	✓	
W-108	Surfox	✓	(R. T. Vanderbilt Co.)
W-109	Carbola (Asbestine Pulp)	✓	(Carbola Chemical Co.)
W-110	Amesconda 0-3 White Lead Carbonate (Oil 18.9)	X	(Amesconda Lead Products)
W-111	Suspense Whiting	?	(A. Daigger & Co.)
W-112	Dicalite White Filler	✓	(Dicalite Company, 520 N. Michigan, Chicago.)
W-113	#59 Lithopone Low Oil	✓	(Chemical Pigments Co. Baltimore)
W-114	Special #80 Lithopone same as made for Richard Pt. & Varn. Co.	✓	
W-115	#11 Zinc Oxide-Med. Oil Absorption	✓	(American Zinc Oxide Co.)
W-116	Zopaque Off Color Titanium Dioxide	✓	(American Zinc Oxide Co.)
W-117	50% Loaded Zinc Oxide	✓	(American Zinc Oxide Co.)
W-118	#482 Asbestine	✓	(Loomis Talc Co.)
W-119	#96 Enamel Grade Lithopone (Low Oil High Gloss)	✓	(Chem. & Pig. Co.)
W-120	#4831 Asbestine Pulp (Fine Grade)	✓	(International Pulp Co.)
W-121	Snowflake Whiting	X	(Thomson Refining Co.)
W-122	Russian Whiting	X	
W-123	Belgium Whiting	X	
W-124	O. M. Whiting	X	
W-125	Lead Sulphate (For Dry Color Making)	X	
W-126	#1250 Soapstone	✓	(C. K. Williams Co.)
W-127	#1319 Terra Alba	✓	(C. K. Williams Co.)
W-128	Kadox Zinc Oxide #15 Black Label	✓	(W. J. Zinc Sales Co.)
W-129	Zinc Sulphide (For paint making)	✓	
W-130	#86 Lithopone #76 TL	✓	(Chem. & Pig. Baltimore)
W-131	#86 Titanolith	✓	(Chem. & Pig. Baltimore)
W-132	SD 10 Zopaque (Titanium Dioxide) con.	✓	(American Lithopone Co.)
W-133	LD 10 Zopaque (Titanium Dioxide) bakin	✓	(American Lithopone Co.)
W-134	Blanc Fixe (for color making use)	X	(Warner Chem. Co.)
W-135	Ti-Pure 10 (Titanium Oxide)	✓	(Krebs Pigment & Chemical)
W-136	Dental Plaster (Gold Bond Super White)	✓	(National Gypsum Co.)
W-137	Titanox AA (Low Oil Non-Chalking Type)	✓	(Titanium Pig. Co.)
W-138	#325 Mica	✓	(C. P. Hall Co.)
W-139	Tical MX-204 30% TiO ₂ - 70% Ca SO ₄	X	(Krebs Pigment & Chem.)
W-140	Multiflex (Colloidal Calcium Carbonate)	✓	(Pure Calcium Products Co.)
W-141	"A" White Talc (Soapstone)	✓	(Wishnick Tupper, Inc.)
W-142	Titanox L (Lead Titanate)	✓	(Titanium Pigment Co.)
W-143	Ti Pure YCR Chalk Resistant TiO ₂	✓	(Krebs Pigment Co.)
W-144	#111 White Lead Carbonate	✓	(National Lead Co.) GLD 045776
W-145	L Magnesia (Ex. Lt. Calcined Mg Oxide)	✓	(Wishnick Tupper)
W-146	Long Fibre Asbestine	✓	(International Pulp Co.)
W-147	Titanox CX 30% Ti O ₂ - 70% Ca SO ₄	X	(Titanium Pigment Co.)
W-148	Titanox 10 (Enamel Grade) Titanium Oxide	✓	(Krebs Pig. & Color Co.)

W-101	Limeolith	X	
W-102	Catalpo	✓	
W-103	Titanox C 30% Ti O ₂ - 70% Ca SO ₄	X	
W-104	Euston White Lead (High Covering)	✓	
W-105	S.E.G. Enamel Grade Astrolith (Low Oil)	✓	
W-106	Euston White Lead Carbonate (Superior Grade) High Consistency	✓	
W-107	L. O. Dispersion Grade Lithopone	✓	
W-108	Surfex	✓	(R. T. Vanderbilt Co.)
W-109	Carbola (Asbestos Pulp)	✓	(Carbola Chemical Co.)
W-110	Anaconda O-3 White Lead Carbonate (Oil 26.9)	X	(Anaconda Lead Products)
W-111	Suspense Whiting	?	(A. Daigger & Co.)
W-112	Dicalite White Filler	✓	(Dicalite Company, 520 N. Michigan, Chicago.)
W-113	#59 Lithopone Low Oil	✓	(Chemical Pigments Co. Baltimore)
W-114	Special #80 Lithopone made as made for Packard Pt. & Varna Co.	✓	
W-115	#22 11 Zinc Oxide-Med. Oil Absorption	✓	(American Zinc Oxide Co.)
W-116	Zopaque Off Color Titanium Dioxide all grades	✓	(Crown Chemical & Mining Co.)
W-117	50% Loaded Zinc Oxide	✓	(American Zinc Oxide Co.)
W-118	#482 Asbestos	✓	(Loomis Talc Co.)
W-119	#96 Enamel Grade Lithopone (Low Oil High Gloss)	✓	(Chem. & Pig. Co.)
W-120	#4831 Asbestos pulp (Fine Grade)	✓	(International Pulp Co.)
W-121	Snowflake Calcit	X	(Thomson Weismann Co.)
W-122	Russian Whiting	X	
W-123	Belgium Whiting	X	
W-124	O. M. Whiting	X	
W-125	Lead Sulphate (for Dry Color Makers)	X	
W-126	#1250 Soapstone	?	(C. K. Williams Co.)
W-127	#1319 Terra Alba	?	(C. K. Williams Co.)
W-128	Kadox Zinc Oxide #15 Black Label	✓	(W. J. Zinc Sales Co.)
W-129	Zinc Sulphate (for paint making)	✓	
W-130	#86 Lithopone #76 TL	✓	(Chem. & Pig. Baltimore)
W-131	#86 Titanolith	✓	(Chem. & Pig. Baltimore)
W-132	SD LO Zopaque (Titanium Dioxide) con. purp.	✓	(American Titanium Co.)
W-133	LD LO Zopaque (Titanium Dioxide) bakr.	✓	(American Titanium Co.)
W-134	Blanco Fixe (for color makers use)	X	(Warner Chem. Co.)
W-135	Ti-Pure LO (Titanium Oxide)	X	(Krebs Pigment & Chemical)
W-136	Dental Plaster (Gold Bond Super White)	✓	(National Gypsum Co.)
W-137	Titanox AA (Low Oil Non-Chalking Type 3102)	✓	(Titanium Pig. Co.)
W-138	#325 Mica	✓	(C. P. Hall Co.)
W-139	Tical MX-204 30% TiO ₂ - 70% Ca SO ₄	✓	(Krebs Pigment & Chem.)
W-140	Multiflex (Colloidal Calcium Carbonate)	✓	(Pure Calcium Products Co.)
W-141	"A" White Talc (Soapstone)	✓	(Wishnick Turpear, Inc.)
W-142	Titanox L (Lead Titanate)	✓	(Titanium Pigment Co.)
W-143	Ti Pure YCR Chalk Resistant TiO ₂	✓	(Krebs Pigment Co.)
W-144	#111 White Lead Carbonate	✓	(National Lead Co.)
W-145	L Magnesia (Ex. Lt. Calcined Mg Oxide)	✓	(Wishnick Turpear)
W-146	Long Fibre Asbestos	✓	(International Pulp Co.)
W-147	Titanox CX 30% Ti O ₂ - 70% Ca SO ₄	X	(Titanium Pigment Co.)
W-148	Figure LG (for enamels) Titan. Oxide	X	(Krebs Pig. & Color Co.)
W-149	Processed Talc & Clay	X	(Processed Materials Corp.)
W-150	Processed Asbestos	X	(Processed Materials Corp.)
	Titanox CR-103 (same as Titanox C)	X	(Krebs Pigment & Color Corps)

GLIDDEN CODE SYSTEM

White and White Inert Pigments

W-151	Tipure LO-CR - Titanium Oxide (W-151 may be used to replace W-132 and W-133 when necessary)	✓ (Krebs Pigment & Chem. Co.)
W-152	ADBP Clay	✓ (Edgar Bros.)
W-153	Oolitic F Calcium Carbonate	✓ (DeLore Works) (National Lead Co.)
W-154	Atomite Untreated Calcium Carbonate	✓ (Thompson Weimans)
W-155	Tipure #51-Chalk-resistant Ti O2	✓ (Krebs Pigment & Color Co.)
W-156	Mica 250 KX	✓ (U. S. Mica Co.)
W-157	C. L. Pigment (for water paints)	✓ (Chemical & Pigment Co.)
W-158	Mineralite 3.X (Special Mica)	✓ (Mineralite Sales Corp'n.)
W-159	Tical R - 30% Ti O2 70% Ca SO4 - R20	✓ (Krebs Pigment & Color Co.)
W-160	Vololay KMX #80	✓ (American Colloid Co.)
W-161	Moulding Plaster 1 hour set	✓ (U. S. Gypsum Co.)
W-162	Moulding Plaster 90 min. set	✓ (U. S. Gypsum Co.)
W-163	Tipure R-110 (Chalking Type) Ti O2	✓ (Krebs Pig. & Chem. Co.)
W-164	Tipure R-510 (Non-chalking) Ti O2	✓ (Krebs Pig. & Chem. Co.)
W-165	Tipure "O" (Titanium Oxide) (Resistant to chalking and fading of tints)	✓ (Krebs Pig. & Chem. Co.)
W-166	#266 Cellite - finely ground	✓ (Johns Manville)
W-167	Kadox-25 zinc oxide - cr.	✓ (New Jersey Zinc Co.)
W-168	A-3000 Micronized Mica	✓ (English Mica Co.)
W-169	99 X Sunolith Dispersible Zinc Oxide	✓ (Chemical & Pigment Co.)
W-170	Tipure R-610 Non-chalking Titanium Oxide	✓ (Krebs Pigment & Chemical Co.)
W-171	Tipure R-360 Water Dispersible Zinc Oxide	✓ (DuPont, Pigment Div.)
W-172	Azo - 22Z - 22 Zinc Oxide (Lead Free) H.O.L.	✓ (American Zinc Sales Co.)
W-173	A.S.P. #3 Clay	✓ (Edgar Bros.)
W-174	Unitane OR-150 (Titanium Ox. Rutile Type)	✓ (United Color & Pigment Co.)
W-175	Sierra Silver Talc #325	✓ (A. G. Drury & Company)
W-176	3X Asbestine	✓ (International Pulp Co.)
W-177	#610 Talc	✓ (Locust Talc Company)
W-178	75% Leaded Zinc	✓ (Eagle-Picher Lead Co.)
W-179	Titanox RCHIX (Titanium Calcium Rutile Type)	✓ (Titanium Pigment Co.)
W-180	Tical R-50 (Rutile Type Titanium Co.)	✓ (Bayer Co.)
W-181	#28 Asbestol (Magnesium Silicate)	✓ (Carbola Chemical Co.)
W-182	G.C. Clay	✓ (Georgia Coating Clay Co.)
W-183	Ground Mica 160 Mesh	✓ (A.L. Gillies Co.)
W-184	Witcarb "R" - Pigment W 180 Sub	✓ (Witco Chemical Co.)
W-185	Mica Water Ground W 180	
W-186	Lesamite	
W-187		
W-188		
W-189		
W-190		
W-191		
W-192		
W-193		
W-194	Titanox A-24	
W-195		
W-196		

Titanium Pigment Co.

W-151	TiPure LO-CR - Titanium Oxide	(Krebs Pigment & Chem. Co.)
	(W-151 may be used to replace W-132 and W-133 when necessary)	
W-152	ADBZ Clay	(Edgar Bros.)
W-153	Oolitic F Calcium Carbonate	(DeLore Works)
		(National Lead Co.)
W-154	Atomite Untreated Calcium Carbonate	(Thompson Weimans)
W-155	TiPure #51-Chalk-resistant TiO ₂	(Krebs Pigment & Color Co.)
W-156	Mica 250 RX	(U. S. Mica Co.)
W-157	C. L. Pigment (for water paints)	(Chemical & Pigment Co.)
W-158	Mineralite 3X (Special Mica)	(Mineralite Sales Corp'n.)
W-159	Tical R - 30% TiO ₂ 70% CaSO ₄ - R20	(Krebs Pigment & Color Co.)
W-160	Volclay KWK #80	(American Colloid Co.)
W-161	Moulding Plaster 1 hour set	(U. S. Gypsum Co.)
W-162	Moulding Plaster 90 min. set	(U. S. Gypsum Co.)
W-163	TiPure R-110 (Chalking Type) TiO ₂	(Krebs Pig. & Chem. Co.)
W-164	TiPure R-510 (Non-chalking) TiO ₂	(Krebs Pig. & Chem. Co.)
W-165	TiPure "0" (Titanium Oxide)	(Krebs Pig. & Chem. Co.)
	(Resistant to chalking and fading of tints)	
W-166	#266 Celite	(Johns Manville)
W-167	Kadox-25 zinc oxide	(New Jersey Zinc Co.)
W-168	A-3000 Micronized Mica	(English Mica Co.)
W-169	99 K Sunolith Dispersible Zinc Oxide	(Chemical & Pigment Co.)
W-170	TiPure R-610 Non-chalking Rutile Type	(Krebs Pigment & Chemical Co.)
W-171	TiPure R-300 Water Dispersible Zinc Oxide	(DuPont, Pigment Div.)
W-172	Azo - 222 - 22 Zinc Oxide (Lead Free) H.O.L.	(American Zinc Sales Co.)
W-173	A.S.P. #3 Clay	(Edgar Bros.)
W-174	Unitane OR-150 (Titanium Oxide Rutile Type)	(United Color & Pigment Co.)
W-175	Sierra Silver Talc #325	(A. C. Drury & Company)
W-176	3X Asbestine	(International Pulp Co.)
W-177	#610 Talc	(Loomis Talc Company)
W-178	75% Lead Zinc	(Eagle-Picher Lead Co.)
W-179	Titanox ROHPI (Titanium Calcium Rutile Type)	(Titanium Pigment Co.)
W-180	Tical R-50 (Rutile Type Titanium Calcium)	(DuPont, Pigment Div.)
W-181	#28 Asbestol (Magnesium Silicate)	(Carbola Chemical Co.)
W-182	G.C. Clay	(Georgia Coating Clay Co.)
W-183	Ground Mica 160 Mesh	(A.L. Gillies Co.)
W-184	Witcarb "R" - Pigment W-180 Sub	(Witco Chemical Co.)
W-185	Mica Water Ground W-180	
W-186	Lesamite	
W-187		
W-188		
W-189		
W-190		
W-191		
W-192		
W-193		
W-194	Titanox A-24	Titanium Pigment Co.
W-195		
W-196		
W-197		
W-198		
W-199		
W-200		
W-167	222-77 Zinc Oxide for use in interior coatings	(American Zinc Sales Co.)

GLIDDEN CODE SYSTEM

W-201 - R33T102 (R66T) Balto for Emulsion
W-202 - #22 Ground B rytes
W-203 -
W-204 -
W-205 -
W-206 -
W-207 -
W-208 -
W-209 -
W-210 -
W-211 -
W-212 -
W-213 -