

TRADE-MAINTENANCE PRODUCTS

Research Report No. TM-110-B Interim

SOLVENT & LEAD STATUS - SOLVENT BASED PRODUCTS

By: Mr. W. M. Tomc (5)

DATE: February 13, 1973

DPR: 2117A,C ~~2116A~~ 2134 A.C

Distribution: Mr. G. L. Bechtel - UCB
Mr. G. R. Doolittle - UCB
→ Mr. S. T. Bowell (2)
Mr. R. M. Brenner - UCB
Mr. E. B. Euchner (2)
Mr. R. J. Haviland - #1
Mr. F. G. Hidalgo
Mr. H. J. Horton - UCB
Mr. J. G. Kingston
Mr. W. D. Kinsell - UCB
Mr. J. W. Kocher - UCB
Mr. R. L. Zartman - UCB
Mr. E. J. Romay - UCB
Mr. J. D. Russell - UCB
Mr. D. W. Eugene - UCB
Mr. H. G. Beck - UCB
Mr. J. E. Southwick
Mr. H. M. Werner - #1
Dr. T. J. Walsh - UCB
Mr. C. W. Wright - UCB (2)
Mr. W. W. Page - UCB
Mr. R. P. Shong
Mr. L. Nusser - UCB
Mr. I. J. Foote - UCB
Dr. H. J. Kiefer - UCB (2)
Mr. F. Passen - #1
Mr. R. Heckman - #2
M-E (4)
Library
File

GLD007090

SOLVENT & LEAD COMPLIANCE STATUS
SOLVENT BASED PRODUCTS

Attached is the up-dated list of products for lead and solvent requirements as requested in DPR's 2117AC, and 2116A.

Supersedes: July 5, 1972 Interim Report

Basis of Listing

A. Solvent: Compliance with Rule 66 requirements is achieved in two ways. Case 1 covers those formulas which use only S-330, S-332 and S-348 as solvents and will conform to Rule 66 if approved conforming S-330, S-332 and S-348 are used as direct volume replacements. This is no identification on the formula to indicate plug-in. Compliance is based on a phase-in of conforming solvents in the plant. In this listing such formulas are indicated by "O".

Case 2 is when plug-in solvents are not available and special solvent blends had to be formulated. These are indicated by the suffix 'X' on the formula card and in this listing by the letter 'E'.

B. Lead: Unless otherwise noted each product listed meets the .06% maximum lead requirement. A formulation is considered as meeting this requirement and as "lead free" if no lead bearing raw material is used. In some cases, it may be possible that lead could be detected analytically.

G. L. Bechtel's letter of January 9, 1973 approved the request to extend time until June 30 for the 0.5 lead level to allow additional time for evaluation of suitable drier levels before the .06 lead level is finalized.

KEY: O = Plug-in conforming S-330, S-332, S-348
 E = Conforming solvent blend.
 * = Buy-out products.
 OK = Meets .06 lead maximum.
 -.5 = Less than 0.5 lead but greater than .06

GLD007091

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Alkyd Hi Mil</u>				
White Primer	5219X	E	-	Changed to 85-W-135
Red Primer	500-R-01.102DX	E	OK	
DTM	5214CX	E	OK	
<u>Alkyd Ind. Enamel</u>				
Safety Orange	4510-B	O	OK	
Safety Red	4520-B	O	OK	Relabel of 917C
Warm Brown	4537	O	OK	Relabel of 937
Safety Yellow	4540-B	O	OK	
White	4550-H	O	OK	
Black	4551-K	O	OK	
Deep Green	4553-J	O	OK	
Medium Green	4554-K	O	OK	
Medium Yellow	4560-L	O	OK	
Machine Gray	4562-L	O	OK	
Imperial Blue	4564-J	O	OK	Relabel of 988
Bright Red	4565-C	-	-	Changed to 85-R-122
Red Oxide Primer	4570	O	OK	Relabel of 999
Neutral Gray	4572-F	O	OK	
E.Z.C. Green	4573-F	O	OK	
Deep Orange	4576-C	-	-	Changed to 85-Y-95
Pastel Tint Base	4575-E	O	OK	
Intermediate Tint Base	4587	O	OK	Relabel of 987
Deep Tint Base	4580	O	OK	Relabel of 980
<u>Alkyd Tank & Structural</u>				
Aluminum	5227BX	E	OK	496-M-100
White Galvanize Primer	5229E	O	OK	
Light Gray Gloss	5226D	O	OK	1818 Tinted
Red Oxide Primer	585X	E	+ .5	85-R-154
Tinting White Gloss	5221-J	O	OK	
White Gloss	5220-F	O	OK	
<u>Chlorinated Rubber Hi-Mil</u>				
Red Oxide Primer	5535-AX	E	OK	Changed to 505-R-100
Gray Intermediate	5536-CX	E	OK	
White Gloss	5537-AX	E	OK	
<u>Coal Tar Epoxy</u>	5254	Unknown	OK	Buy-out
<u>Duramite Food Contact</u>				
White	287-W-501-X	E	OK	
Convector	297-C-05101-X	E	OK	Formerly 287-C-508-X
<u>Epoxy Chem. Res. Finishes</u>				
Clear Gloss	5253-X	E	OK	Changed to 524-C-100
Curing Agent Clear	5242-CX	E	OK	
Light Gray Gloss	5243-AX	E	OK	
Medium Gray Gloss	5244-AX	E	OK	Changed to 512-E-30100
Tinting White Gloss	5250-X	E	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Epoxy Chem. Res. Finishes</u>				
White Gloss	5240-FX	E	OK	
Safety Yellow	512-L-01102-AX	E	OK	
Safety Orange	512-L-01105-AX	E	OK	
Safety Green	512-G-01106-AX	E	OK	
Safety Blue	512-A-01101-X	E	OK	
Safety Red	512-R-01103-AX	E	OK	
Tile Red	85-R-102-AX	E	OK	Also 512-R-01107, 5248
Black	85-B-34-X	E	OK	Also 512-B-01100, 5241
E.Z.C. Green	512-G-01104-X	E	OK	Relabel 85-G-91
<u>Epoxy Chem. Res. Double Build</u>				
Curing Agent	512-C-01100-DX	E	OK	
<u>Epoxy Chem. Res. W. R.</u>				
Metal Primer Red	550-R-01102	E	OK	Discontinued
White	556-W-01104	E	OK	"
Curing Agent	550-C-01100	E	OK	"
Reducer	330-S-01106	E	OK	"
<u>Epoxy Chromate Primer</u>				
Base	5251-X	E	OK	
Curing Agent	5252-X	E	OK	
<u>Epoxy Ester Enamel</u>				
White	5238	O	OK	
<u>Epoxy Ester Ext. Masonry</u>				
	5235-D	O	OK	Also eliminates asbestos*
<u>Epoxy Ester Metal Primer</u>				
	5570-X	E	+1%	To be discontinued
<u>Epoxy Patch Putty</u>				
Base	5258-X	E	OK	Changed to 85-W-136
<u>Epoxy Patch Putty</u>				
Curing Agent	5259	E	OK	Changed to 85-C-90
<u>Epoxy Self Priming Mastic</u>				
Red Eggshell	5256-C	E	OK	
Curing Agent	5257-A	E	OK	
<u>Epoxy Solvent</u>				
	5568-C-X	E	OK	
<u>Epoxy Surfacing Compound</u>				
Complete unit consists of:	5561	E	OK	
1. Aggregate	5560	E	OK	
2. Resin	5563	E	OK	
3. Converter	5562	E	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Glid-Tile 100</u>				
Curing Agent	5595	E	OK	Relabel 5242
Tinting Gloss	5594	E	OK	Relabel 5250
White Gloss	5593	E	OK	Relabel of 5240
<u>Glid-Tile Epoxide</u>				
Curing Agent	5504	E	OK	Relabel of 5242
White Semi-Gloss	5598-AX	E	OK	To be replaced by 5554
White Block Filler	5512	E	OK	
White Sealer	5503	E	OK	Relabel of 5240
Deep Tint Curing Agent	5509-AX	E	OK	To be replaced by 5558
Curing Agent	5597-AX	E	OK	To be replaced by 5552
White Gloss	5596-AX	E	OK	To be replaced by 5550
<u>Glid Zinc</u>				
100	287-E-6-BX	E	OK	
100 Reducer	330-S-30102	E	OK	
101 Unit	287-E-7-X	E	OK	
(1) Base	287-E-8-X	E	OK	
(2) Zinc	43-E-1007	E	OK	
(3) Converter	297-C-9-AX	E	OK	
<u>Lifemaster</u>				
Primer	304-D-1	E	+ .5	
Finish	304-W-1	E	OK	
<u>Polyurethane</u>	297-C-13	-	-	Buy-out
<u>Silicone Alkyd</u>				
White Humble	523-W-01100-AX	E	OK	
Blue Humble	GL-78256-X	E	OK	
Gray Humble	523-E-01104-AX	E	OK	
Red Humble	GL78255-X	E	OK	
<u>Silicon Hi Temp.</u>				
Black	282-B-400-X	E	OK	
Aluminum	282-E-400-X	E	OK	
Primer Yellow	282-B-400-X	E	OK	
<u>Strathclyde Primer</u>				
Red	503-R-30100	E	OK	
<u>Vinyl Chloride Finishes</u>				
Aluminum Eggshell	5282-X	E	OK	
Metallic Eggshell	5285-X	E	+ .5%	
Light Gray Eggshell	5283-AX	E	OK	
Metal Conditioning Unit	5290	E	OK	
Primer Base	5291-A	E	OK	
Primer Acid	5292	E	OK	
Metal Conditioning Reducer	5293-A	E	OK	
Red Lead	5295-X	E	+0.3	
Spray Reducer	5289-X	E	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
White Eggshell	5280-AX	E	OK	
Vinyl Hi Mil Primer	5515-X	E	OK	Changed to 503-R-102
" " White	5518-X	E	OK	
" " Light Gray	5516-X	E	OK	
" " Aluminum	5517-X	E	OK	
" " Reducer	5519-X	E	OK	
<u>Alkyd Eggshell</u>				
One Coat White	5050-C	0	OK	
Pastel Tint	5086-J	0	OK	
Alaska White	5450-B	0	OK	
Ebony Black	5634-D	0	OK	
<u>Alkyd Eggshell Stipple</u>	5099-E	0	OK	
<u>Alkyd Enamel Undercoater</u>	5005-C	0	OK	Relabel of 555 changed to 85-W-146
<u>Alkyd Flat Enamel</u>				
One Coat White	5700-H	0	OK	
Pastel Tint Base	5718-K	0	OK	
Intermediate Base	5787-G	0	OK	
Deep Tint	5780-L	0	OK	
Ebony Black	5734-C	0	OK	
<u>Alkyd Gloss Fungicidal Enamel</u>				
Sani Glene	5069-G	0	OK	
<u>Alkyd Semi-Gloss</u>				
One Coat White	5600	0	OK	Relabel of 4600
Pastel Tint	5618	0	OK	" " 4618
Inter. Med. Tint	5687	0	OK	" " 4687
Deep Tint	5680	0	OK	" " 4680
Alaska White	5950-B	0	OK	
<u>Alkyd Spray Eggshell</u>	1180-R	0	OK	
<u>Alkyd Spray Flat</u>	5067-M	0	OK	
<u>Alkyd Wall Primer</u>	5016-L	0	OK	
<u>Clear Silicone (Dri Wall)</u>	534-G	0	OK	Changed to 85-C-86
<u>Gel Flo Alkyd Eggshell</u>				
Super White	5400-F	0	OK	Changed to 85-W-133
Pastel Tint	5418-F	0	OK	Changed to 85-W-138

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Gel Flo Alkyd Semi-Gloss</u>				
Super White	5900-F	0	OK	
Pastel Tint Base	5918-F	0	OK	
Inter. Tint Base	5987-G	0	OK	
Deep Tint Base	5980-G	0	OK	
Deep Tint Base No. 2	5995-C	0	OK	
Deep Tint Base No. 3	5996-C	0	OK	
Deep Tint Base No. 4	5997-C	0	OK	
Deep Tint Base No. 5	5998-D	0	OK	
<u>House Paint</u>	5003 F/E1	0	-0.5	
	5003-E-CH	0	OK	
<u>Polyurethane Gym Floor</u>	5013-C	0	OK	Relabel of 51
<u>Quick Sanding Sealer</u>	5035-E	0	OK	
<u>Aluminum Metallite</u>	592-E (X)	0	OK	Note: 592-F does not meet solvent requirement.
<u>Glidden Farm Paint</u>				
Farm White	2201	0	OK	Relabel of 2240 changed to 85-W-132
Barn Red	2216-C	0	OK	
White (South only)	2217-H	0	-0.5	
<u>Dramatone Tinting</u>	1750	0	OK	
	1751	0	OK	
	1752	0	OK	
	1753	0	OK	
	1754	0	OK	
	1755	0	OK	
	1756	0	OK	
	1757	0	OK	
	1758	0	OK	
	1760	0	OK	
	1782	0	OK	
	1786	0	OK	
<u>Endurance House Paint</u>				
Basecoat	1851-T	0	OK	
White	1800-N	0	-0.5	
	1800-N-CH	0	OK	
Non-Chalking Trim	1801 G/G1	0	-0.5	
	1801 G-CH	0	OK	
Cryolite Green	1828-W	0	OK	
Shutter Green	1861-J	0	OK	
Pastel Tint	1818-D	0	OK	
Intermediate Tint	1877-C	0	OK	
Colonial Red	1815-B	0	OK	
Stratford Brown	1837-A	0	OK	
Revere Green	1853	0	OK	
Windsor Gray	1805-C	0	OK	
Clearwater	1863C/C1	0	-0.5	
	1863C-CH	0	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Endurance House Paint</u>				
Ivory	1831-C/Cl	0	-0.5	
	1831-C/CH	0	OK	
<u>Glidden Alkyd Florenamel</u>				
Deep Red	841-G	0	OK	
Deck Gray	342-F	0	OK	
Tile Green	843-E	0	OK	
Light Gray	345-B	0	OK	
<u>Glidden Alkyd Semi-Gloss</u>				
White & Colors	6650	0	OK	Relabel of 5950
<u>Glidden Oil House Paint</u>				
Non-Chalk White	2240-G/G1	0	-0.5	
	2240-G/CH	0	OK	
Exterior Primer	2251-E/E1	0	OK	
<u>Glidden Redwood Stain</u>	32A	0	OK	
<u>Gliddencoat Enamel Under.</u>	555-C	0	OK	
<u>Glid-Strip PAV Remover</u>	74-M	0	OK	
<u>Glid-Tone Hi Gloss Varnish</u>	49-AX	E	OK	
<u>Glid Tone Satin Sheen Var.</u>	47-G	0	OK	
<u>Insul Blaze Fire Retard.</u>				
Flat White	5027	Not Exempt	OK	Buy-out
Semi-Gloss White	5028	OK	0.4%	Buy-out
<u>Speedenamel Q.D.</u>				
White	4300-X	E	OK	
Aluminum	4304-AX-SF	E	-	
Black	4309-X	E	OK	Changed to 85-B-43
Light Red	4315	-	-	Changed to 85-R-155
White Primer	4397	-	-	Changed to 85-W-134
Gray Primer	4399-AX-SF	E	OK	
<u>Spred Brush & Roller Cleaner</u>	60	Not Exempt	OK	
<u>Spred Exterior Solid Stains</u>				
Clear	280-B	0	OK	
Old Bronze	281-D	0	OK	
Redwood	282-D	0	OK	
Big Sur	283-D	0	OK	
Sovereign	284-D	0	OK	
Pinon	285-D	0	OK	
Cedar	286-D	0	OK	
White Birch	287-E	0	OK	
Mallard	288-D	0	OK	
Blackthorn	289-D	0	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Spred Ext. Semi-Transparent</u>				
White	270	0	OK	
Red	271	0	OK	
Yellow	272-B	0	OK	
Brown	273	0	OK	
Juniper	274	0	OK	
Cobalt	275	0	OK	
Black	276	0	OK	
Redwood	277	0	OK	
Base for above colors	143-T-145B	0	OK	Must be used with above.
<u>Spred Gel Flo H.P.</u>				
White	1901-C/C1	0	OK	
Pastel Tint	1918-B	0	OK	
Deep Tint	1980-B	0	OK	
Intermediate Tint	1987-C	0	OK	
<u>Spred Gloss Enamel</u>				
White	900-F	0	OK	
Flat Black	908-C	0	OK	
Gloss Black	909-B	0	OK	Relabel of 4551
Red Pepper	917-D	0	OK	
Shamrock	965-E	0	OK	Relabel of 4554
Pastel Tint Base	918-F	0	OK	
Intermediate Tint	981-D	0	OK	
Deep Tint	980-F	0	OK	
Galvanize Primer	998	0	OK	Relabel of 5229
Metal Primer	999-A	0	OK	
Orange	921-D	0	OK	Relabel of 4510
Acorn	937-D	0	OK	
Tulip Yellow	943-E	0	OK	
Avocado	951-C	0	OK	
Empress Blue	985-E	0	OK	
Admiral Blue	988-E	0	OK	
<u>Spred House Paint</u>				
Primecoat	3651-E	0	OK	Relabel of 1851
<u>Spred Lustre</u>				
One Coat White	4600-G	0	OK	
Smokey White	4663-M	0	OK	Changed to 85-W-125
Pastel Base	4618-R	0	OK	
Intermediate Base	4697-L	0	OK	
Deep Base	4680-M	0	OK	
<u>Spred Spar Varnish</u>				
	40-A	0	OK	
<u>Spred Surfacing</u>				
	66-BX	E	OK	

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>Spred Urethane Enamel</u>				
White	800-E	0	OK	
Pastel Tint Base	818-J	0	OK	
Intermediate Tint Base	887-H	0	OK	
Deep Tint Base	880-H	0	OK	
Tile Red	891-H	0	OK	
Tile Green	892-F	0	OK	
Harbor Gray	893-F	0	OK	
Chateau Gray	894-F	0	OK	
Spice Wood	895-F	0	OK	
<u>Spred Urethane Plastic</u>				
Gloss	51	0	OK	
Satin Sheen	371	0	OK	
Satin Sheen (Spray)	4035	Not applicable	OK	Buy-out aerosol
<u>Spred Velvet</u>				
White				discontinued
Pastel Tint				"
Intermediate Tint				"
<u>Surface Bond</u>	55-E	E	OK	Changed to 85-C-82
<u>Spred Wood Stains</u>				
Maple	200-C	0	OK	
Walnut	201-D	0	OK	
Butternut	202-B	0	OK	
Honey Maple	203-B	0	OK	
Avocado	204-B	0	OK	
Pecan	205-B	0	OK	
Chestnut	206-B	0	OK	
Suntan	207-B	0	OK	
Black Walnut	210-C	0	OK	
French Provincial	208-C	0	OK	
Mahogany	209	0	OK	
<u>Miscellaneous</u>				
Antique Base	507-C	0	OK	
Patina Glaze	508-D	0	OK	
Scroll Green	510-C	0	OK	
French Blue	512-C	0	OK	
Olive Teak	514-A	0	OK	
Canterbury Red	516-A	0	OK	
Jacobean	518-C	0	OK	
Piedal Oak	520-A	0	OK	
Boxwood	524-A	0	OK	
<u>Double Build Vinyl</u>	5514-X	E	OK	Formerly 513-W-30100

<u>Product</u>	<u>Code</u>	<u>Solvent</u>	<u>Lead</u>	<u>Remarks</u>
<u>New Glid-Tile Epoxide</u>				
Gloss	5550	E	OK	
Semi-Gloss	5554	E	OK	
Curing Agent	5552	E	OK	
Deep Tint	5558	E	OK	
<u>Additional Misc.</u>				
Paste Wood Filler	700	Unknown	OK	Buy-out
Painter Alkyd Flat	510-W-17103C	0	OK	
<u>Spred Velvet</u>				
Gray	860-E-30102-A	0	OK	
Red	860-R-30104-A	0	OK	
Green	860-E-30100-A	0	OK	
Gold	860-L-30108-A	0	OK	
Brown	860-D-30100-A	0	OK	

GLD007100