

FORMULA COSTS - 1972

CONFIDENTIAL

MG-08 (1584)

7D Asbestos	400	lbs.	30.6%	\$23.28	
6D Asbestos	200	"	15.3%	13.74	
Bleached Barytes	140	"	10.7%	6.57	
Talc	20	"	1.5%	.39	
Cashew Particles	80	"	6.1%	26.65	
Cast Iron Dust	40	"	3.1%	5.60	
Brass Chips	2.5	"	.2%	1.38	
Hexa	24	"	1.8%	5.70	
Resin 5095 (Bakelite)	100	"	7.7%	28.00	
*Resin 2105 (Bakelite) (30% CL)	160	"	12.3%	51.20	
**Resin 8997 (Bakelite) (20% CL)	120	"	9.2%	57.90	
Mineral Spirits (100% CL)	20	"	1.5%	.59	
Total Weight	1306.5		100.0%	\$221.00	CWT \$16.92
Cure Loss	-92				
After Cure	1214.5				CWT \$18.20

MG-11 (1017)

7D Asbestos	600	lbs.	62.4%	\$34.92	
Carbon Black	10	"	1.0%	1.12	
Coke	46	"	4.8%	5.28	
Hexa	18	"	1.9%	4.28	
Graphite	36	"	3.7%	8.43	
Brass Chips	2	"	.2%	1.11	
Resin 752 (Palmer) (50% CL)	28	"	2.9%	15.41	
*Resin 2105 (Bakelite) (30% CL)	38	"	4.0%	12.16	
**Resin 8997 (Bakelite) (20% CL)	148	"	15.4%	71.41	
Neosol (100% CL)	36	"	3.7%	4.50	
Total Weight	962		100.0%	\$158.62	CWT \$16.49
Cure Loss	-91				
After Cure	871				CWT \$18.21

MG-12 (2253)

7D Asbestos	400	lbs.	35.5%	\$23.28	
6D Asbestos	200	"	17.9%	13.74	
Bleached Barytes	190	"	16.8%	8.91	
Carbon Black	16	"	1.4%	1.80	
Coke	46	"	4.1%	5.28	
Brass Chips	2.5	"	.2%	1.38	
Hexa	24	"	2.1%	5.70	
*Resin 2105 (Bakelite) (30% CL)	144	"	12.8%	46.08	
**Resin 8997 (Bakelite) (20% CL)	84	"	7.4%	40.53	
Mineral Spirits (100% CL)	20	"	1.8%	.59	
Total Weight	1126.5		100.0%	\$147.29	CWT \$13.08
Cure Loss	-80				
After Cure	1046.5				CWT \$14.07

* Actual weight of #2105 Resin varies from 140 - 148 lbs. dependent on atmospheric conditions.

Actual weight of #8997 Resin varies from 80 - 88 lbs. dependent on atmospheric conditions.

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PLAINTIFF'S EXHIBIT

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MG-13 (1539)

7D Asbestos	400	lbs.	28.8%	\$23.28	
6D Asbestos	200	"	14.4%	13.74	
Bleached Barytes	140	"	10.1%	8.57	
Talc	20	"	1.4%	.39	
Cashew Particles	80	"	5.8%	26.65	
Cast Iron Dust	40	"	2.9%	5.60	
Brass Chips	2.5	"	.2%	1.38	
Red Oxide	40	"	2.9%	7.57	
Hexa	24	"	1.7%	5.70	
Resin 5095 (Bakelite)	100	"	7.2%	28.00	
**Resin 8997 (Bakelite) (20% CL)	120	"	8.7%	57.90	
* Resin 2105 (Bakelite) (30% CL)	160	"	11.6%	51.20	
Mineral Spirits (100% CL)	60	"	4.3%	1.78	
Total Weight	1386.5		100.0%	\$229.76	CWT \$16.57
Cure Loss	-132				
After Cure	1254.5				CWT \$18.31

MG-14 (941)

5R Asbestos	600	lbs.	33.9%	\$56.58	
Resin 796 (Monsanto)	225	"	12.7%	112.50	
Resin 6661 (4162) (Monsanto)	225	"	12.7%	72.00	
Brass Chips	2.5	"	.1%	1.38	
Carbon Black	20	"	1.1%	2.25	
Rubber Dust	325	"	18.4%	14.72	
Bleached Barytes	275	"	15.5%	12.90	
Lime	13	"	.7%	.27	
Reclaim	87	"	4.9%	2.61	
Total Weight	1772.5		100.0%	\$275.21	CWT \$15.53

MG-15 (1289)

5R Asbestos	600	lbs.	33.3%	\$56.58	
8T Asbestos	125	"	6.9%	2.64	
Resin 796 (Monsanto)	225	"	12.5%	112.50	
Resin 6661 (4162) (Monsanto)	225	"	12.5%	72.00	
Brass Chips	2.5	"	.1%	1.38	
Rubber Dust	325	"	18.0%	14.72	
Bleached Barytes	150	"	8.3%	7.04	
Lime	13	"	.7%	.27	
Green Oxide	50	"	2.8%	26.97	
Reclaim Lining	89	"	4.9%	2.67	
Total Weight	1804.5		100.0%	\$296.77	CWT \$16.45

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MG-16 (1231)

5R Asbestos	600	lbs.	33.3%	\$56.58
Resin 6200 (Schenectady)	225	"	12.5%	81.00
Resin 6205 (Schenectady)	225	"	12.5%	72.00
Brass Chips	2.5	"	.1%	1.38
Rubber Dust	325	"	18.0%	14.72
Bleached Barytes	275	"	15.2%	12.90
Lime	13	"	.7%	.27
Brown Oxide	50	"	2.8%	9.97
Reclaim Lining	89	"	4.9%	2.67
Total Weight	1804.5		100.0%	\$251.49

CWT \$13.94

MG-17 (1556)

6D Asbestos	600	lbs.	33.7%	\$41.22
8T Asbestos	150	"	8.5%	3.17
Resin 6240 (Schenectady)	450	"	25.3%	148.50
Brass Chips	2.5	"	.1%	1.38
Carbon Black	25	"	1.4%	2.81
Rubber Dust	325	"	18.3%	14.72
Bleached Barytes	125	"	7.0%	5.86
Lime	13	"	.7%	.27
Reclaim Lining	88	"	5.0%	2.64
Total Weight	1778.5		100.0%	\$220.57

CWT \$12.40

MG-18 (2045)

7D Asbestos	600	lbs.	56.0%	\$34.92
8T Asbestos	30	"	2.8%	.63
Carbon Black	2	"	.2%	.22
Talc	50	"	4.7%	.97
Seacoal	120	"	11.2%	3.52
Cast Iron Dust	20	"	1.8%	2.80
Sulfur	20	"	1.8%	1.21
OKO - VOM 37	184	"	17.2%	36.45
Mineral Spirits (100% CL)	46	"	4.3%	1.37
Total Weight	1072		100.0%	\$82.09
Cure Loss	-46			
After Cure	1026			

CWT \$ 7.66

CWT \$ 8.00

MG-19 (2046)

7D Asbestos	600	lbs.	55.5%	\$34.92
8T Asbestos	30	"	2.8%	.63
Carbon Black	8	"	.7%	.90
Talc	50	"	4.6%	.97
Seacoal	120	"	11.1%	3.52
Cast Iron Dust	20	"	1.9%	2.80
Brass Chips	2.5	"	.2%	1.38
Sulfur	20	"	1.9%	1.21
OKO - VOM 37	184	"	17.0%	36.45
Mineral Spirits (100% CL)	46	"	4.3%	1.37
Total Weight	1080.5		100.0%	\$84.15
Cure Loss	-46			
After Cure	1034.5			

CWT \$ 7.79

CWT \$ 8.13

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MG-20 (2047)

7D Asbestos	600	lbs.	55.1%	\$34.92	
8T Asbestos	30	"	2.8%	.63	
Carbon Black	4	"	.4%	.45	
Red Oxide	12	"	1.1%	2.27	
Talc	50	"	4.6%	.97	
Seacoal	120	"	11.0%	3.52	
Cast Iron Dust	20	"	1.8%	2.80	
Brass Chips	2.5	"	.2%	1.38	
Sulfur	20	"	1.8%	1.21	
OKO - VOM 37	184	"	16.9%	36.45	
Mineral Spirits (100% CL)	46	"	4.3%	1.37	
Total Weight	1088.5		100.0%	\$85.97	CWT \$ 7.90
Cure Loss	-46				
After Cure	1042.5				CWT \$ 8.25

MG-21 (1821B)

7D Asbestos	600	lbs.	56.2%	\$34.92	
Green Oxide	36	"	3.4%	19.41	
Talc	50	"	4.7%	.97	
Seacoal	120	"	11.2%	3.52	
Cast Iron Dust	20	"	1.9%	2.80	
Brass Chips	2.5	"	.2%	1.38	
Sulfur	10	"	.9%	.61	
OKO - VOM 37	184	"	17.2%	36.45	
Mineral Spirits (100% CL)	46	"	4.3%	1.37	
Total Weight	1068.5		100.0%	\$101.43	CWT \$ 9.49
Cure Loss	-46				
After Cure	1022.5				CWT \$ 9.92

MG-22 (2114)

6D Asbestos	600	lbs.	34.2%	\$41.22	
8T Asbestos	150	"	8.6%	3.17	
Resin 6240 (Schenectady)	450	"	25.7%	148.50	
Rubber Dust	325	"	18.5%	14.72	
Bleached Barytes	125	"	7.1%	5.86	
Lime	13	"	.8%	.27	
Brass Chips	2.5	"	.1%	1.38	
Reclaim	88	"	5.0%	2.64	
Total Weight	1753.5		100.0%	\$217.76	CWT \$12.42

MG-23 (2037)

5R Asbestos	200	lbs.	10.0%	\$18.86	
7D Asbestos	400	"	20.0%	23.28	
8T Asbestos	40	"	2.0%	.84	
Resin 6240 (Schenectady)	400	"	20.0%	132.00	
Bleached Barytes	560	"	28.0%	26.76	
Red Oxide	120	"	6.0%	22.72	
Graphite	280	"	14.0%	65.58	
Total Weight	2000		100.0%	\$289.54	CWT \$14.48

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MG-25 (2274) (Wagner 2242A)

7D Asbestos	600	lbs.	50.1%	\$34.92	
8T Asbestos	30	"	2.5%	.63	
Bleached Barytes	40	"	3.3%	1.88	
Talc	50	"	4.2%	.97	
Seacoal	120	"	10.0%	3.52	
Cast Iron Dust	20	"	1.7%	2.80	
Sulfur	20	"	1.7%	1.21	
Silica	40	"	3.3%	1.10	
Brass Chips	2	"	.2%	1.11	
OKO - VOM 37	200	"	16.7%	39.62	
Mineral Spirits (100% CL)	46	"	3.8%	1.37	
Emery Flour	30	"	2.5%	4.64	
Total Weight	1198		100.0%	\$93.77	CWT \$ 7.81
Cure Loss	-46				
After Cure	1152				CWT \$ 8.14

MG-26 (2240) (Wagner 2240)

7D Asbestos	600	lbs.	50.1%	\$34.92	
8T Asbestos	30	"	2.5%	.63	
Black Oxide	40	"	3.3%	7.97	
Talc	50	"	4.2%	.97	
Seacoal	120	"	10.0%	3.52	
Cast Iron Dust	30	"	2.5%	4.20	
Sulfur	20	"	1.7%	1.21	
Silica	40	"	3.3%	1.10	
Brass Chips	2	"	.2%	1.11	
Emery Flour	20	"	1.7%	3.09	
OKO - VOM 37	200	"	16.7%	39.62	
Mineral Spirits (100% CL)	46	"	3.8%	1.37	
Total Weight	1198		100.0%	\$99.71	CWT \$ 8.32
Cure Loss	-46				
After Cure	1152				CWT \$ 8.66

MG-27 (2273)

5R Asbestos	600	lbs.	34.8%	\$56.58	
Resin 796 (Monsanto)	225	"	13.1%	112.50	
Resin 6661 (4162) (Monsanto)	225	"	13.1%	72.00	
Carbon Black	10	"	.6%	1.12	
Emery Flour	48	"	2.8%	7.42	
Rubber Dust	325	"	18.9%	14.72	
Bleached Barytes	275	"	16.0%	12.90	
Lime	13	"	.7%	.27	
Total Weight	1721		100.0%	\$277.51	CWT \$16.12

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MG-28 (2388)

5R Asbestos	400	lbs.	20.4%	\$37.72	
4 Asbestos	300	"	15.3%	11.04	
Resin 6823 (Monsanto)	275	"	14.0%	88.41	
Resin 868 (Schenectady)	190	"	9.7%	72.20	
Unbleached Barytes (Thompson)	250	"	12.7%	7.00	
Rubber Dust	325	"	16.5%	14.72	
Lime	15	"	.8%	.32	
Silica	50	"	2.5%	1.37	
Barium Ferrite	50	"	2.5%	9.93	
Brass Chips	5	"	.3%	2.77	
Brown Oxide	20	"	1.0%	3.99	
Reclaim	85	"	4.3%	2.55	
Total Weight	1965		100.0%	\$252.02	CWT \$12.83

Clutch Facing (C-2)

Rubber Solvent	2142	lbs.	52.3%	\$60.52	
Masterbatch #1776	1150	"	28.1%	362.25	
Bleached Barytes	345.5	"	8.4%	16.20	
Zinc Oxide	57.5	"	1.4%	11.34	
Graphite	55.5	"	1.4%	13.00	
Lime	19	"	.5%	.40	
Resin 7079 (Palmer)	38	"	.9%	53.82	
Resin 320 NC (Minn. Mining) (20% CL)	24	"	.6%	6.30	
Resin 2741 BRL (Bakelite) (16% CL)	90	"	2.2%	29.25	
Sulfur	173	"	4.2%	10.47	
Total Weight	4094.5		100.0%	\$563.55	CWT \$13.76
Cure Loss	-2161.2				
After Cure	1933.3				CWT \$29.15
Asbestos Yarn	1723.8			1364.39	
Cured Coated Yarn	3657.1			\$1927.94	CWT \$52.72

#1776 Masterbatch

1502 SBR	100	pts.
#3 Amber Crepe	50	pts.
EPC Black	79	pts.
Litharge	170	pts.
Blue Lead	200	pts.

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FORMULA COSTS - 1972MG-30 (2459)

7M Asbestos	500 lbs.	44.7%	\$18.40	
5R Asbestos	100 "	8.9%	9.43	
Thompson Barytes (Unbleached)	150 "	13.4%	4.20	
Talc	50 "	4.5%	.97	
Seacoal	40 "	3.6%	1.17	
Silica	40 "	3.6%	1.10	
Hexa	13 "	1.2%	3.09	
Varcum 6019 Resin (35% CL)	200 "	17.8%	56.00	
Mineral Spirits (100% CL)	26 "	2.3%	.77	
Total Weight	1119	100.0%	\$95.13	CWT \$8.50
Cure Loss	-96			
After Cure	1023			CWT \$9.30

MG-31 (2436)

5R Asbestos	300 lbs.	24.5%	\$28.29	
7M Asbestos	500 "	40.9%	18.40	
Brass Chips	2 "	.2%	1.11	
10-A Colloid	45 "	3.7%	14.99	
Hexa	20 "	1.6%	4.75	
868 Schenectady Resin	30 "	2.4%	11.40	
Carbon Black	4 "	.4%	.45	
Red Oxide	12 "	.9%	2.27	
Varcum 6019 Resin (35% CL)	145 "	11.9%	40.60	
Borden 113 Resin (25% CL)	145 "	11.9%	40.60	
Mineral Spirits (100% CL)	20 "	1.6%	.59	
Total Weight	1223	100.0%	\$163.45	CWT \$13.36
Cure Loss	-107			
After Cure	1116			CWT \$14.65

MG-34 (2372)

5R Asbestos	400 lbs.	20.4%	\$37.72	
7M Asbestos	300 "	15.3%	11.04	
6823 Monsanto Resin	275 "	14.0%	88.41	
868 Schenectady Resin	200 "	10.2%	76.00	
Rubber Dust	325 "	16.5%	14.72	
Thompson Barytes (Unbleached)	250 "	12.7%	7.00	
Lime	15 "	.8%	.32	
Silica	40 "	2.0%	1.10	
Barium Ferrite	50 "	2.5%	9.93	
Brass Chips	5 "	.3%	2.77	
Carbon Black	20 "	1.0%	2.25	
Reclaim	85 "	4.3%	2.55	
Total Weight	1965	100.0%	\$253.81	CWT \$12.92

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FORMULA COSTS - 1972MG-29 (2466)

5R Asbestos	600	\$56.58	
24867 Durez Resin	150	55.50	
868 Schenectady Resin	75	28.50	
772-23 Borden Resin	50	16.25	
Rubber Dust	200	9.06	
Lime	17	.36	
Red Oxide	13	2.46	
Finery Flour	20	3.09	
Total Weight	1125	\$171.80	CWT \$15.27

MG-32 (2478)

5R Asbestos	300	\$28.29	
7M Asbestos	500	18.40	
Thompson Barytes (Unbleached)	50	1.40	
Brass Chips	2	1.11	
10-A Colloid	40	13.32	
Hexa	24	5.70	
772-23 Borden Resin	50	16.25	
Carbon Black	4	.45	
Red Oxide	32	6.06	
Vacuum 6019 Resin(35% CL)	202	56.56	
Borden 113 Resin(25% CL)	96	26.88	
Mineral Spirits(100% CL)	20	.59	
Total Weight	1320	\$175.01	CWT \$13.26
Cure Loss	-115		
After Cure	1205		CWT \$14.52

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ALPHABETICAL LISTING

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Item No.	Part No.	Description	U/M	Cost (Incl. Frt.) 1972	Cost (Incl. Frt.) 1971	Cost (Incl. Frt.) 1970
490-004	G-113	Acetone	lb.	.1186	.7828	
	G-001	Aluminum Paste	lb.	.5200	.5200	.493
5530-001	G-002	Asbestos 5R	lb.	.0943	.0866	.0856
5530-002	G-003	Asbestos 6D	lb.	.0687	.0628	.062
5530-003	G-004	Asbestos 7D	lb.	.0582	.0533	.051
5530-004	G-005	Asbestos 7M	lb.	.0368	.0386	.025
5530-005	G-006	Asbestos 8T	lb.	.0211	.0187	.017
5532-010	G-124	Barium Ferrite	lb.	.1985		
5531-001	G-010	Barytes (Bleached)	lb.	.0469	.0470	.036
5531-003	G-125	Barytes (Unbleached-Thompson)	lb.	.0280		
5532-001	G-012	Brass Chips	lb.	.5538	.5938	.513
5534-001	G-016	Carbon Black	lb.	.1123	.1071	.107
5532-002	G-017	Cashew Particles (NC-120)	lb.	.3331	.3324	.339
5532-003	G-018	Cast Iron Dust	lb.	.1400	.1350	.166
5532-004	G-043	Coke	lb.	.1148	.0862	.076
492-002	G-118	Defrex 35 Cleaner	lb.	.2775		
491-002	G-115	Dip (Black) (Goodrich)	gal.		3.1800	
491-003	G-116	Dip (Black) (Chrysler)	gal.	3.0300	2.7693	
491-004	G-117	Dip (Clear) (Union Carbide 2117)	gal.	4.1000	4.1000	
491-005	G-123	Dip (Black) (Goodrich A-1345-B)	gal.			
492-001	G-114	Dynasprex	gal.	2.2295	2.2295	
5532-008	G-111	Emery Flour	lb.	.1546	.1593	.150
5532-007	G-106	Graphite (#0376 B.N.)	lb.	.2342	.2235	.174
5533-001	G-027	Hexamethylene Tetramine	lb.	.2375	.2375	.207
490-003	G-029	Isopropyl Alcohol	gal.	.7700	.7700	
	G-097	Lacquer (Bl. Gloss)	gal.	4.7600	4.2000	4.200
491-001	G-112	Lacquer (Red)	gal.	4.7100	4.7100	4.710
490-	G-101	Lacquer (Thinner)	gal.	1.2500	1.0500	1.250
5533-002	G-031	Lime	lb.	.0211	.0193	.022
5537-001	G-032	Linseed Oil (OKO-VOM 37)	lb.	.1981	.2011	.214
5539-001	G-105C	Masterbatch (#1776)	lb.	.3150	.3280	.315
490-012	G-035	(MEK) Methyl Ethyl Ketone (Gal)	lb.	.1200	.1200	.165
490-003	G-036	Mineral Spirits (6.23#/Gal.)	gal.	.1850	.1750	.16
490-	G-021	Neosol (6.64#/Gal.)	gal.	.8300	.8300	.830
534-002	G-038	Oxide (Black)	lb.	.1993	.1830	.204
534-003	G-039	Oxide (Brown)	lb.	.1993	.1830	.183
534-004	G-040	Oxide (Green)	lb.	.5393	.5330	.511
534-005	G-041	Oxide (Red)	lb.	.1893	.1780	.16
533-004	G-103C	Oxide (Zinc)	lb.	.1972	.1788	.18
499-009	G-009	Plastilock (8.4#/Gal.)	gal.	4.9100	4.6640	5.56

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aremont No.	Part No.	Description	U/M	Cost (Incl. Frts.) 1972	Cost (Incl. Frts.) 1971	Cost (Incl. Frts.) 1970
	G-044	Plug Kits	ea.	.4630	.4630	.4630
5-537-003	G-053	Resin 2105 (Bakelite)	lb.	.3200	.3200	.3200
5-537-004	G-054	Resin 5095 (Bakelite)	lb.	.2800	.2800	.2800
5-537-005	G-055	Resin 6200 (Schenectady)	lb.	.3600	.3450	.3600
5-537-006	G-056	Resin 6205 (Schenectady)	lb.	.3200	.3050	.3200
5-537-007	G-057	Resin 6240 (Schenectady)	lb.	.3300	.3150	.3300
5-537-008	G-058	Resin 6661 (4162) (Monsanto)	lb.	.3200	.3200	.3100
5-537-009	G-059	Resin 752 (Palmer) (7.68#/Gal.)	gal.	4.2279	4.1772	4.1434
5-537-010	G-060	Resin 796 (Monsanto)	lb.	.5000	.5000	.5000
5-537-011	G-062	Resin 8997 (Bakelite)	lb.	.4825	.4825	.4825
5-537-012	G-107C	Resin 7079 (Palmer)	lb.	1.4162	1.4084	1.4051
5-537-013	G-108C	Resin 320 NC (Minn.Mining)	lb.	.2626	.2599	.2563
5-537-014	G-109C	Resin BRL 2741 (Bakelite)	lb.	.3250	.3250	.3250
		Resin 772-101 (Borden)	lb.		.2750	
5-537-016	G-119	Resin 6019 (Varcum)	lb.	.2800		
5-537-017	G-120	Resin FL 774-113 (Borden)	lb.	.2800		
5-537-018	G-121	Resin BRJ 533 (Schenectady)	lb.	.3500		
5-537-019	G-122	Resin CRJ 868 (Schenectady)	lb.	.3800		
5-537-020	G-126	Resin 6823 (Monsanto)	lb.	.3215		
5-532-005	G-066	Rubber Dust	lb.	.0453	.0378	.0378
5-530-002	G-104C	Rubber Solvent (5.84#/Gal.)	Gal.	.1650	.1600	.1600
5-532-006	G-067	Seacoal	lb.	.0293	.0272	.0181
5-532-009	G-110	Silica Flour	lb.	.0274	.0233	
5-533-033	G-068	Sulfur	lb.	.0605	.0701	.0836
5-531-002	G-070	Talc	lb.	.0193	.0272	.0249
5-530-006	G-102C	Yarn (Asbestos)	lb.	.7915	.7420	.7400

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