## **Patch Test Allergens**

1Benzocaine5.0%Local ester anesthetic2Mercaptobenzothiazole1.0%Rubber accelerator, cutting oils, antifreeze3Colophony20.0%In cosmetics, waxes, adhesives. "Rosin."4Paraphenylenediamine1.0%In hair dyes, photographic chemicals5Imidazolidinyl urea (Germall 115)2.0%Preservative, formaldehyde releaser6Cinnamic aldehyde (Cinnamyl)1.0%Fragrance. flavoring7Amerchol L 10150.0%Emulsifiers, Emollients8Carba mix3.0%Rubber accelerator, Adhesive9Neomycin sulfate20.0%Topical antibiotic.10Thiuram mix1.0%Rubber accelerator11Formaldehyde1.0%Steroid creams, ruber, plastics, disinfectants, permanent press clothing, cosmetics12Ethylene Diamine dihydrochloride1.0%Steroid creams, ruber latex, cooling fluids13Epoxy resin1.0%In glues, plastics.14Quaternium-15 (Dowicil 200)2.0%Cosmetics, medicated creams154-tert butylphenol formaldehyde resin1.0%In leather and adhesives, rubbers16Mercapto mix1.0%Rubber accelerator.17N-Isopropyl-N-phenyl-4-phenylenediamine1.0%In tires, rubber boots.18Potassium dichromate0.25%In costume jewelry, other metals, leather products.19Balsam of Peru25.0%In costume jewelry, other metals.20Nickel sulfate hashydrate2.5%In costume jewel	No.	COMPOUND	CONC	EXPOSURE
2 Mercaptobenzotniazole 1.0% cutting oils, antifreeze 1.0 cutting oils, antifreeze 20.0 cutting sadesive. "Rosin."  1	1	Benzocaine	5.0%	Local ester anesthetic
4 Paraphenylenediamine 1.0% In hair dyes, photographic chemicals  5 Imidazolidinyl urea (Germall 115) 2.0% Preservative, formaldehyde releaser  6 Cinnamic aldehyde (Cinnamyl) 50.0% Emulsifiers, Emollients  8 Carba mix 3.0% Rubber accelerator, Adhesive  9 Neomycin sulfate 20.0% Topical antibiotic.  10 Thiuram mix 1.0% Rubber accelerator In leather, rubber, plastics, disinfectants, permanent press clothing, cosmetics  12 Ethylene Diamine dihydrochloride 1.0% Steroid creams, ruber latex, cooling fluids  13 Epoxy resin 1.0% In glues, plastics.  14 Quaternium-15 (Dowicil 200) 2.0% Cosmetics, medicated creams  15 4-tert butylphenol formaldehyde resin 1.0% Rubber accelerator.  16 Mercapto mix 1.0% Rubber accelerator.  17 N-Isopropyl-N-phenyl-4-phenylenediamine 0.25% In tires, rubber boots.  18 Potassium dichromate 0.25% In costume jewelry, other metals, leather products.  19 Balsam of Peru 25.0% In costume jewelry, other metals, leather products.  10 Nickel sulfate hexahydrate 2.5% In costume jewelry, other metals.  11 Diazolidinylurea (Germall II) Preservative, formaldehyde releaser.	2	Mercaptobenzothiazole	1.0%	•
4Paraphenylenediamine1.0%photographic chemicals5Imidazolidinyl urea (Germall 115)2.0%Preservative, formaldehyde releaser6Cinnamic aldehyde (Cinnamyl)1.0%Fragrance. flavoring7Amerchol L 10150.0%Emulsifiers, Emollients8Carba mix3.0%Rubber accelerator, Adhesive9Neomycin sulfate20.0%Topical antibiotic.10Thiuram mix1.0%Rubber accelerator11Formaldehyde1.0%Rubber accelerator12Ethylene Diamine dihydrochloride1.0%Steroid creams, ruber latex, cooling fluids13Epoxy resin1.0%In glues, plastics.14Quaternium-15 (Dowicil 200)2.0%Cosmetics, medicated creams154-tert butylphenol formaldehyde resin1.0%Rubber accelerator.16Mercapto mix1.0%Rubber accelerator.17N-Isopropyl-N-phenylenediamine1.0%In tires, rubber boots.18Potassium dichromate0.1%In tires, rubber boots.19Balsam of Peru25.0%In fragrances, topical mediations, flavorings20Nickel sulfate hexahydrate2.5%In costume jewelry, other metals, leather products.21Diazolidinylurea (Germall II)1.0%Preservative, formaldehyde releaser.22DMDM hydantion1.0%Preservative, formaldehyde releaser.	3	Colophony	20.0%	
Germall 115   Cinnamic aldehyde (Cinnamyl)   Cinnamic aldehyde   Cinnamyl   Cinnamic aldehyde   Cinnamyl   Cinnamic aldehyde   Cinnamyl   Cinnamic aldehyde   Cinnamic al	4	Paraphenylenediamine	1.0%	photographic
7 Amerchol L 101 50.0% Emulsifiers, Emollients 8 Carba mix 3.0% Rubber accelerator, Adhesive 9 Neomycin sulfate 20.0% Topical antibiotic. 10 Thiuram mix 1.0% Rubber accelerator 11 Formaldehyde 1.0% Rubber accelerator 12 Ethylene Diamine dihydrochloride 1.0% Steroid creams, ruber latex, cooling fluids 13 Epoxy resin 1.0% In glues, plastics. 14 Quaternium-15 (Dowicil 200) 2.0% Cosmetics, medicated creams 15 4-tert butylphenol formaldehyde resin 1.0% In leather and adhesives, rubbers 16 Mercapto mix 1.0% Rubber accelerator. 17 N-Isopropyl-N-phenyl-4-phenylenediamine 0.25% In tires, rubber boots. 18 Potassium dichromate 0.25% In fragrances, topical mediations, flavorings In costume jewelry, other metals, leather products. 19 Balsam of Peru 25.0% In costume jewelry, other metals. 20 Nickel sulfate hexahydrate 2.5% In costume jewelry, other metals. 21 Diazolidinylurea (Germall II) 1.0% Preservative, formaldehyde releaser.	5		2.0%	
8 Carba mix 3.0% Rubber accelerator, Adhesive 9 Neomycin sulfate 20.0% Topical antibiotic. 10 Thiuram mix 1.0% Rubber accelerator In leather, rubber, plastics, disinfectants, permanent press clothing, cosmetics 12 Ethylene Diamine dihydrochloride 1.0% Steroid creams, ruber latex, cooling fluids 13 Epoxy resin 1.0% In glues, plastics. 14 Quaternium-15 (Dowicil 200) 2.0% Cosmetics, medicated creams 15 4-tert butylphenol formaldehyde resin 1.0% Rubber accelerator. 16 Mercapto mix 1.0% Rubber accelerator. 17 N-Isopropyl-N-phenyl—4-phenylenediamine 18 Potassium dichromate 19 Balsam of Peru 25.0% In costume jewelry, other metals, leather products. 19 In fragrances, topical mediations, flavorings 10 Nickel sulfate hexahydrate 2.5% In costume jewelry, other metals. 21 Diazolidinylurea (Germall II) 22 DMDM hydantion 1.0% Preservative, formaldehyde releaser.	6		1.0%	Fragrance. flavoring
9 Neomycin sulfate 20.0% Topical antibiotic.  10 Thiuram mix 1.0% Rubber accelerator  11 Formaldehyde 1.0% In leather, rubber, plastics, disinfectants, permanent press clothing, cosmetics  12 Ethylene Diamine dihydrochloride 1.0% Steroid creams, ruber latex, cooling fluids  13 Epoxy resin 1.0% In glues, plastics.  14 Quaternium-15 (Dowicil 200) 2.0% Cosmetics, medicated creams  15 4-tert butylphenol formaldehyde resin 1.0% Rubber accelerator.  16 Mercapto mix 1.0% Rubber accelerator.  17 Phenyl—4- phenylenediamine 0.1% In tires, rubber boots.  18 Potassium dichromate 0.25% In fragrances, topical mediations, flavorings  19 Balsam of Peru 25.0% In costume jewelry, other metals. Preservative, formaldehyde releaser.  21 Diazolidinylurea (Germall II) Preservative, formaldehyde releaser.	7	Amerchol L 101	50.0%	Emulsifiers, Emollients
10 Thiuram mix  1.0% Rubber accelerator  In leather, rubber, plastics, disinfectants, permanent press clothing, cosmetics  12 Ethylene Diamine dihydrochloride  1.0% Steroid creams, ruber latex, cooling fluids  13 Epoxy resin  1.0% In glues, plastics.  Quaternium-15 (Dowicil 200)  2.0% Cosmetics, medicated creams  1.0% In leather and adhesives, rubbers  16 Mercapto mix  1.0% Rubber accelerator.  17 N-Isopropyl-N-phenyl—4-phenylenediamine  18 Potassium dichromate  10.1% In tires, rubber boots.  19 Balsam of Peru  25.0% In fragrances, topical mediations, flavorings  Nickel sulfate hexahydrate  Diazolidinylurea (Germall II)  20 DMDM hydantion  1.0% Preservative, formaldehyde releaser.	8	Carba mix	3.0%	
11 Formaldehyde  1.0%  In leather, rubber, plastics, disinfectants, permanent press clothing, cosmetics  12 Ethylene Diamine dihydrochloride  1.0%  Steroid creams, ruber latex, cooling fluids  13 Epoxy resin  1.0%  In glues, plastics.  Cosmetics, medicated creams  (Dowicil 200)  15 4-tert butylphenol formaldehyde resin  1.0%  In leather and adhesives, rubbers  16 Mercapto mix  1.0%  Rubber accelerator.  17 Phenyl—4- phenylenediamine  18 Potassium dichromate  0.25%  In costume jewelry, other metals, leather products.  19 Balsam of Peru  25.0%  In fragrances, topical mediations, flavorings  In costume jewelry, other metals.  10 Nickel sulfate hexahydrate  10 Diazolidinylurea (Germall II)  1.0%  Preservative, formaldehyde releaser.  Preservative, formaldehyde releaser.	9	Neomycin sulfate	20.0%	Topical antibiotic.
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dihydrochloride  1.0% latex, cooling fluids  1.0% In glues, plastics.  1.0% Cosmetics, medicated creams  1.0% In leather and adhesives, rubbers  1.0% Rubber accelerator.  1.0% In tires, rubber boots.  1.0% In costume jewelry, other metals, leather products.  1.0% In fragrances, topical mediations, flavorings  1.0% In costume jewelry, other metals.  1.0% In fragrances, topical mediations, flavorings  1.0% In costume jewelry, other metals.  1.0% Preservative, formaldehyde releaser.  1.0% Preservative, formaldehyde releaser.	11	Formaldehyde	1.0%	plastics, disinfectants, permanent press
14 Quaternium-15 (Dowicil 200) 2.0% Cosmetics, medicated creams 15 4-tert butylphenol formaldehyde resin 1.0% In leather and adhesives, rubbers 16 Mercapto mix 1.0% Rubber accelerator.  17 N-Isopropyl-N-phenyl—4-phenylenediamine 18 Potassium dichromate 19 Balsam of Peru 25.0% In costume jewelry, other metals, leather products. 19 Rickel sulfate hexahydrate 10 Diazolidinylurea (Germall II) 20 DMDM hydantion 20 Preservative, formaldehyde releaser. 21 DMDM hydantion 20 Preservative, formaldehyde releaser.	12		1.0%	
15 (Dowicil 200) 2.0% creams 1 (Preservative, formaldehyde releaser.  16 (Dowicil 200) 2.0% creams 1 (Preservative, formaldehyde releaser.  100% In leather and adhesives, rubbers 100% Rubber accelerator. 100% Rubber accelerator. 100% In tires, rubber boots. 100% In tires, rubber boots. 100% In costume jewelry, other metals, leather products. 100% In fragrances, topical mediations, flavorings 100% In costume jewelry, other metals. 100% Preservative, formaldehyde releaser. 100% Preservative, formaldehyde releaser.	13	Epoxy resin	1.0%	In glues, plastics.
16 Mercapto mix 1.0% Rubber accelerator.  17 N-Isopropyl-N-phenyl—4-phenylenediamine  18 Potassium dichromate 19 Balsam of Peru 20 Nickel sulfate hexahydrate 21 Diazolidinylurea (Germall II) 21 DMDM hydantion 21.0% Rubber accelerator.  10% In tires, rubber boots.  11 In costume jewelry, other metals, leather products.  12 In fragrances, topical mediations, flavorings  1.0% In costume jewelry, other metals.  25.0% In rostume jewelry, other metals.  26 Preservative, formaldehyde releaser.  27 Preservative, formaldehyde releaser.	14		2.0%	
N-Isopropyl-N- phenyl—4- phenylenediamine  18 Potassium dichromate  19 Balsam of Peru  25.0%  Nickel sulfate hexahydrate  Diazolidinylurea (Germall II)  DMDM hydantion  N-Isopropyl-N- phenyl—4- phenylenediamine  0.1%  In tires, rubber boots.  In costume jewelry, other metals, leather products.  In fragrances, topical mediations, flavorings  In costume jewelry, other metals.  Preservative, formaldehyde releaser.  Preservative, formaldehyde releaser.	15		1.0%	
17     phenyl—4-phenylenediamine     0.1%     In tires, rubber boots.       18     Potassium dichromate     0.25%     In costume jewelry, other metals, leather products.       19     Balsam of Peru     25.0%     In fragrances, topical mediations, flavorings       20     Nickel sulfate hexahydrate     2.5%     In costume jewelry, other metals.       21     Diazolidinylurea (Germall II)     1.0%     Preservative, formaldehyde releaser.       22     DMDM hydantion     1.0%     Preservative, formaldehyde releaser.	16	-	1.0%	Rubber accelerator.
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20 Nickel sulfate hexahydrate 2.5% In costume jewelry, other metals.  21 Diazolidinylurea (Germall II)  25.0% mediations, flavorings In costume jewelry, other metals.  Preservative, formaldehyde releaser.  Preservative, formaldehyde releaser.	18	Potassium dichromate	0.25%	other metals, leather products.
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22 DMDM hydantion 1.0% formaldehyde releaser.	21		1.0%	formaldehyde releaser.
23 Bacitracin 20.0% Topical antibiotic.	22	DMDM hydantion	1.0%	Preservative,
	23	Bacitracin	20.0%	Topical antibiotic.

No.	COMPOUND	CONC	EXPOSURE
24	Mixed dialkyl	1 00/	Rubber accelerator,
24	thiourea	1.0%	assoc. w/ neoprene.
25	CI+Me- isothiazolinone (Kathon CG, 100ppm)	.01%	Preservative in cosmetics, shampoos.
26	Paraben mix	12%	Preservative in topical agents, cosmetics, foods.
27	Methyldibromoglutar onitrile (MDBGN)	0.5%	Preservative against bacteria and fungi
28	Fragrance mix 1	8.0%	In cosmetics, foods.
29	Glutaraldehyde	0.5%	Disinfectant on medical and dental equipment
30	2-Bromo-2- nitropropane-I,3-diol (Bronopol)	0.5%	Preservative, formaldehyde releaser.
31	Sesquiterpene lactone Mix	0.1%	Compositae flowers.
32	Fragrance Mix II	14.0%	Cosmetics, scents and flavorings
33	Propylene glycol	30.0%	Vehicle for cosmetics, topical medications.
34	2-Hydroxy-4- methoxybenzopheno ne (Eusolex 4360)	10.0%	Ultraviolet absorber, color preserver
35	4-Chloro-3,5-xylenol (PCMX)	1.0%	Preservative in topical medications
36	Ethyleneurea, melamine formaldehyde mix	5.0%	Finishing agent in textiles or leather, adhesives, insecticides
37	Idopropynyl butyl carbamate	0.2%	Fungicide and bactericide
38	Disperse Blue 106/124 Mix	0.5 %	Clothing dye.
39	Ethyl acrylate	0.1%	Adhesive in artifical nails.
40	Glyceryl monothioglycolate (GMTG)	1.0%	Permanent wave products, hair products
41	Toluenesulfonamide formaldehyde resin	10.0%	Nail polish, adhesive primer
42	Methyl methacrylate	2.0%	Adhesive, bones cements in ortopaedic surgeries
43	Cobalt chloride hexahydrate	1.0%	In tattoos, cement, metals, adhesives.
44	Tixocortol-21- pivalate	0.1%	Group A steroids: HC, HC acetate.

No.	COMPOUND	CONC	EXPOSURE
45	Budesonide	0.01%	Group B steroids: fluocinonide, TAC, desonide. Also Group D.
46	Compositae mix	5.0%	Compositae flowers.
47	Hydrocortisone-17- butyrate	1%	Group D steroids: Temovate, Diprosone.
48	Dimethylol dihydroxyethylene urea	4.5%	In permanent press clothing.
49	Cocamidopropyl ibetaine	1%	In hair and bath products.
50	Triamcinolone acetonide	1.0%	Group B steroids: fluocinonide, TAC, desonide.
51	Lidocaine	15.0%	Topical amide anesthetic.
52	Dibucaine hydrochloride	2.5%	Topical amide anesthetic.
53	Lauryl glucoside	3.0%	surfactant
54	Clobetasol-17- propionate	1.0%	Group B steroids
55	Amidoamin	0.1%	Base for cosmetics
56	HEMA (2-Hydroxyethyl methacrylate)	2.0%	Inks, adhesives and lacquers
57	Desoximethasone	1.0%	Topical steriods
58	Lyral (Alfa-Hexyl cinnamal)	5.0%	Preservative in cosmetics
59	Benzyl alcohol	10.0%	Photographic development, perfumes, food industry, cosmetics
60	dL Alpha Tocopherol	100.0%	Antioxidant in pharmaceuticals
61	Propolis cera	10.0%	Perfume
62	Fusidic Acid Sodium Salt	2.0%	Treatment of bacterial infections
63	Coconut diethanolamide	0.5%	cosmetics
64	Tea tree oil	5.0%	Topical alternative medications.
65	Ylang-ylang oil	2.0%	In cosmetics.
66	Black rubber mix	0.6%	Natural rubbers
67	Gold sodium thiosulfate	0.5%	Electronics, ceramics, jewelry
68	Thimerosal (Merthiolate)	0.1%	Surfactant

