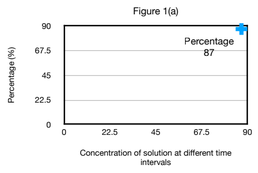
Table 1 In-vivo Test Results

Name: Zinc oxide Eugenol	Percentage		Name: Polymethylmethacrylate Resin	Percentage	Name: Povidone Iodine	Percentage	Name: Isopropyl Alcohol	Percentage	Name: Berryllium	Percentage
Zinc oxide	87		Monomers	25%-75% by wt	Povidone Iodine(surgical scrub)	0.75%-10%	1.Isopropanol	40-60%	1.Berryllium oxide	<0.1-2%
Fixed oil/Mineral oil	13		Filler particles (organic/inorganic)	30%-70% by wtg	Cofomulants		Purified water	30-40% by vol	Iron	1.80%
Eugenol	12		Coupling agents	0.5-2% by wt	Water	q.s to 100g			Aluminium	35%
Polymerized resin	50		Activator-Inhibitor system	0.2%-0.15%, 400nm-500nm					Nickel	1%
Filler	20		Optical Modifiers	0.001-0.007% by wt%	Povidone-iodine(oral rinse)	0.50%	2. Isopropanol	80-99.7%	Molybdenum	2-6%
Lanolin	3				Citric acid		Purified water	10-20% by vol	Chromium	11.80%
Resinous balsam	10				Glycerin					
Accelerator solution(CaCl2)	5				Purified water				2. Beryllium oxide	3%-30%
					Sodium hydroxide					
Shrinkage	0.10%		Residual monomer (allergic reaction)	0.90%	Time	30 seconds	Time	30- 120 seconds	Time	15-60minutes
Temperature of mouth	25'C		Shrinkage by volume	21%-10%	Temperature	25'C	Temperature	20'C-25'C	Temperature	
Time	3-6 minutes		Temperature	25'C to 50'C	Allergic reaction	Poison	Allergic reaction	Dermatitis	Allergic reaction	Death
Reacts	Dermatitis		Activators: Light, heat and UV radiation	250nm-470nm,50'C-100'C	Swallowed	Paracetamol	Inhaled	Narcotic effects	Inhaled	Lung cancer
	Allergic reaction		Reacts with	Water	Reacts with	Hydrogen peroxide	Ingested	GI bleeding in	Ingested	Stomach Ulcers
				Ammonia		Thyroid condition		patients with		
				Halogen acid				GIT Ulcers		
Result	Stable		Result	Unstable	Result	Stable	Result	1. Stable	Result	Unstable
								2. Unstable		
Name: Hydrogen Peroxide	**Percentage**		**Name: Sodium Hypochrolite**	**Percentage**	**Name: Nickel and Chromium**	**Percentage**	**Name: 3D Technology Glasses**	**Percentage**	**Name: Poly Vinyl Pyrrolidone**	**Percentage**
Hydrogen peroxide	3-6%		Sodium hypochlorite	2-6%	Nickel	81%	Linear polarized glasses specification	45/135 or 0/90	As a binder	0.5%- 5% w/w
Purified water	60%		Purified water	30%	Chromium	11%-27%	Sizes	Child or Adult	As a blood plasma expander	55,000 mol wtg
					Molybdenum	2%-5%	Polarized or Red Cyan			250-500mg/kg
									As a drug releaser in paracetamol tablet	4%
									As a food additive	0-25mg/Kg wtg
Temperature	25'C		Temperature	15'C-18°C	Temperature	25'C-40'C				
Time	30-60 seconds		Time	30-60 seconds	Time	15mins-130mins	Time	30-45 minutes	Carcinogenetic limit	5000mg/Kg/day
Reacts with	chemicals		Reacts with	Corrosive with chemicals	Reacts with	Chemicals and metals	Temperature	25'C- 30'C	Toxic in Prenatal or children	3000mg/Kg/day
Inhaled	Pnuemonitis		Inhaled	Lung oedema	Inhaled	Pharyngitis	Light	Night vision	Days	
Sprayed	Eye irritation		Ingested	Mucositis, burns,blisters,allergy	Ingested	Toxic			Allergic Reaction	Pulmonary vascular injury
Result	Stable		Result	Unstable	Result	Unstable	Result	Stable	Result	Unstable

Interactive Graphs

In-vivo Test Figures

Figure 1(a)



Zinc oxide Eugenol

Data References

Figure 1(b)

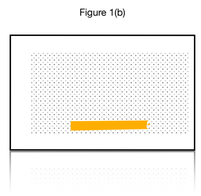
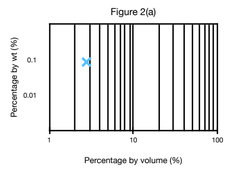


Figure 2(a)



Polymethyl methacrylate Resin

Data References

Figure 2(b)

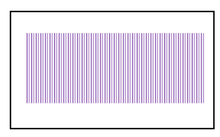
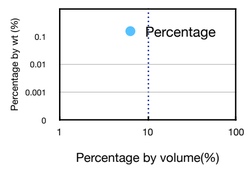


Figure 3(a)



Povidone Iodine 0.75%-10%

Data References

Figure 3(b)

Table 1 In-vivo Test

Name: Zinc oxide Eugenol	Percentage
Zinc oxide	87
Fixed oil/Mineral oil	13
Eugenol	12
Polymerized resin	50
Filler	20
Lanolin	3
Resinous balsam	10
Accelerator solution(CaCl2)	5
Shrinkage	0.10%
Temperature of mouth	25'C
Time	3-6 minutes
Reacts	Dermatitis
	Allergic reaction
Result	Stable

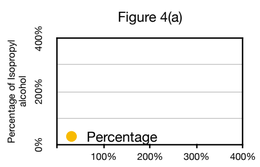
Table 2 In-vivo Test Results

Name: Polymethylmethacrylate	Percentage
Monomers	25%-75% by wt
Filler particles (organic/inorganic)	30%-70% by wtq
Coupling agents	0.5-2% by wt
Activator-Inhibitor system	0.2%-0.15%,
Optical Modifiers	0.001-0.007% by wt%
Residual monomer (allergic	0.90%
Shrinkage by volume	21%-10%
Temperature	25'C to 50'C
Activators: Light, heat and UV	250nm-470nm,50'C-100'C
Reacts with	
	Halogen
Result	Unstable

Table 3 In-vivo Test

Name: Povidone Iodine	Percentage
Povidone Iodine(surgical scrub)	0.75%-10%
Cofomulants	
Water	q.s to 100g
Povidone-iodine(oral rinse)	0.50%
Citric acid	
Glycerin	
Purified water	
Sodium hydroxide	
Time	30 seconds
Temperature	25'C
Allergic reaction	Poison
Swallowed	Paracetamol
Reacts with	Hydrogen peroxide
	Thyroid condition
Result	Stable

Figure 4(a)



Isopropanol alcohol 40-60%

Data References

Figure 4(b)

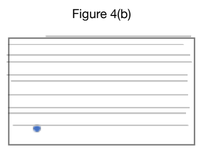
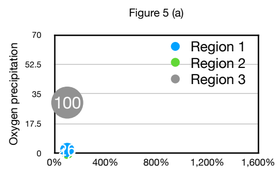


Figure 5 (a)



Berryllium

Data References

Figure 5(b)

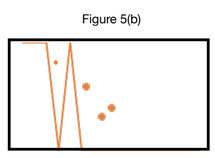
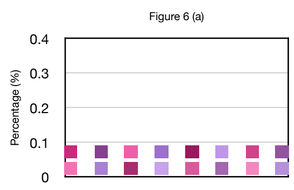


Figure 6 (a)



Sodium Hypochrolite 2-6%

Data References

Figure 6 (b)

Table 4 In-vivo Test

Name: Isopropyl Alcohol	Percentage
1.Isopropanol	40-60%
Purified water	30-40% by vol
2. Isopropanol	80-99.7%
Purified water	10-20% by vol
Time	30- 120 seconds
Temperature	20'C-25'C
Allergic reaction	Dermatitis
Inhaled	Narcotic effects
Ingested	GI bleeding in
	patients with
	GIT Ulcers
Result	1. Stable
	2. Unstable

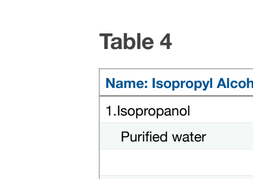
Table 5 In-vivo Test

Name: Berryllium	Percentage
1.Berryllium oxide	<0.1-2%
Iron	1.80%
Aluminium	35%
Nickel	1%
Molybdenum	2-6%
Chromium	11.80%
2. Beryllium oxide	3%-30%
Time	15-60minutes
Temperature	
Allergic reaction	Death
Inhaled	Lung cancer
Ingested	Stomach Ulcers
Result	Unstable

Table 6 In-vivo Test

~~Name: Sodium Hypochrolite~~	Percentage
Sodium hypochlorite	2-6%
Purified water	30%
Temperature	15'C-18"C
Time	30-60 seconds
Reacts with	Corrosive with chemicals
Inhaled	Lung oedema
Ingested	Mucositis, burns,blisters,allergy
Result	Unstable

Figure 7 (a)



Nickel

Figure 7|(b)

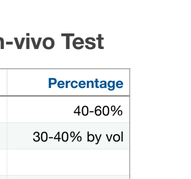


Figure 8(a)

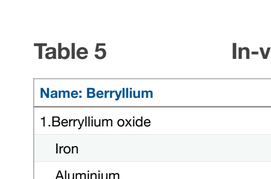


Figure 8 (b)

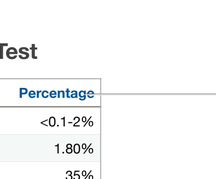


Figure 9 (a)

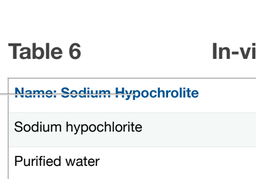
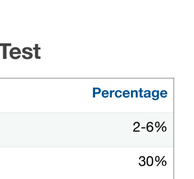


Figure 9(b)



Nickel

81%

Data References

Linear polarised glasses specification 45/135 or 0/90

Data References

Hydrogen Peroxide

Data References

Table 7 In-vivo Test

Name: Nickel and Chromium	Percentage
Nickel	81%
Chromium	11%-27%
Molybdenum	2%-5%
Temperature	25'C-40'C
Time	15mins-130mins
Reacts with	Chemicals and metals
Inhaled	Pharyngitis
Ingested	Toxic
Result	Unstable

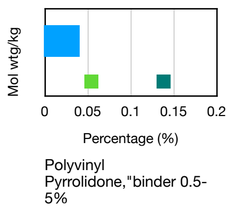
Table 8 In-vivo Test

Name: 3D Technology Glasses	Percentage
Linear polarized glasses specification	45/135 or 0/90
Sizes	Child or Adult
Polarized or Red Cyan	
Time	30-45 minutes
Temperature	25'C- 30'C
Light	Night vision
Result	Stable

Table 9 In-vivo Test Results-6

Name: Hydrogen Peroxide	Percentage
Hydrogen peroxide	3-6%
Purified water	60%
Temperature	25'C
Time	30-60 seconds
Reacts with	chemicals
Inhaled	Pnuemonitis
Sprayed	Eye irritation
Result	Stable

Figure 10



Polyvinyl Pyrrolidone,"binder 0.5-5%

Data References

Table 10 In-vivo Test

Name: Poly Vinyl Pyrrolidone	Percentage
As a binder	0.5%- 5% w/w
As a blood plasma expander	55,000 mol wtg
	250-500mg/kg
As a drug releaser in paracetamol tablet	4%
As a food additive	0-25mg/Kg wtg
Carcinogenetic limit	5000mg/Kg/day
Toxic in Prenatal or children	3000mg/Kg/day
Days	
Allergic Reaction	Pulmonary vascular
	injury
Result	Unstable

Table 1 In-vivo Test

Name: Zinc oxide Eugenol	Percentage
Zinc oxide	87
Fixed oil/Mineral oil	13
Eugenol	12
Polymerized resin	50
Filler	20
Lanolin	3
Resinous balsam	10
Accelerator solution(CaCl2)	5
Shrinkage	0.10%
Temperature of mouth	25'C
Time	3-6 minutes
Reacts	Dermatitis
	Allergic reaction
Result	Stable

Table 2 In-vivo Test Results

Name: Polymethylmethacrylate	Percentage
Monomers	25%-75% by wt
Filler particles (organic/inorganic)	30%-70% by wtg
Coupling agents	0.5-2% by wt
Activator-Inhibitor system	0.2%-0.15%,
Optical Modifiers	0.001-0.007% by wt%
Residual monomer (allergic	0.90%
Shrinkage by volume	21%-10%
Temperature	25'C to 50'C
Activators: Light, heat and UV	250nm-470nm,50'C-100'C
Reacts with	
	Halogen
Result	Unstable

Table 3 In-vivo Test

Name: Povidone Iodine	Percentage
Povidone Iodine(surgical scrub)	0.75%-10%
Cofomulants	
Water	q.s to 100g
Povidone-iodine(oral rinse)	0.50%
Citric acid	
Glycerin	
Purified water	
Sodium hydroxide	
Time	30 seconds
Temperature	25'C
Allergic reaction	Poison
Swallowed	Paracetamol
Reacts with	Hydrogen peroxide
	Thyroid condition
Result	Stable

Table 4 In-vivo Test

Name: Isopropyl Alcohol	Percentage
1.Isopropanol	40-60%
Purified water	30-40% by vol
2. Isopropanol	80-99.7%
Purified water	10-20% by vol
Time	30- 120 seconds
Temperature	20'C-25'C
Allergic reaction	Dermatitis
Inhaled	Narcotic effects
Ingested	GI bleeding in
	patients with
	GIT Ulcers
Result	1. Stable
	2. Unstable

Table 5 In-vivo Test

Name: Berryllium	Percentage
1.Berryllium oxide	<0.1-2%
Iron	1.80%
Aluminium	35%
Nickel	1%
Molybdenum	2-6%
Chromium	11.80%
2. Beryllium oxide	3%-30%
Time	15-60minutes
Temperature	
Allergic reaction	Death
Inhaled	Lung cancer
Ingested	Stomach Ulcers
Result	Unstable

Table 6 In-vivo Test

Name: Sodium Hypochrolite	Percentage
Sodium hypochlorite	2-6%
Purified water	30%
Temperature	15'C-18"C
Time	30-60 seconds
Reacts with	Corrosive with chemicals
Inhaled	Lung oedema
Ingested	Mucositis, burns,blisters,allergy
Result	Unstable

Table 7 In-vivo Test

Name: Nickel and Chromium	Percentage
Nickel	81%
Chromium	11%-27%
Molybdenum	2%-5%
Temperature	25'C-40'C
Time	15mins-130mins
Reacts with	Chemicals and metals
Inhaled	Pharyngitis
Ingested	Toxic
Result	Unstable

Table 8 In-vivo Test

Name: 3D Technology Glasses	Percentage
Linear polarized glasses specification	45/135 or 0/90
Sizes	Child or Adult
Polarized or Red Cyan	
Time	30-45 minutes
Temperature	25'C- 30'C
Light	Night vision
Result	Stable

Table 9 In-vivo Test Results-6

Name: Hydrogen Peroxide	Percentage
Hydrogen peroxide	3-6%
Purified water	60%
Temperature	25'C
Time	30-60 seconds
Reacts with	chemicals
Inhaled	Pnuemonitis
Sprayed	Eye irritation
Result	Stable

Table 10 In-vivo Test

Name: Poly Vinyl Pyrrolidone	Percentage
As a binder	0.5%- 5% w/w
As a blood plasma expander	55,000 mol wtg
	250-500mg/kg
As a drug releaser in paracetamol tablet	4%
As a food additive	0-25mg/Kg wtg
Carcinogenetic limit	5000mg/Kg/day
Toxic in Prenatal or children	3000mg/Kg/day
Days	
Allergic Reaction	Pulmonary vascular
	injury
Result	Unstable