

Table S8: Patch and photopatch test results at 48 and 96 hours in patients with CD to Kumkum, Eyeliner, Lipstick, Shaving cream and Multiple cosmetics:

Kumkum							
Case No	Suspected cosmetic	Brand /constituent	Patch and Photopatch test			Diagnosis	Relevance
			At 48 hrs	At 96 hrs (NIR)	At 96 hrs (IR)		
1.	Kumkum	NK	Cetrimide (1+) Thiomersal (1+)	Cetrimide (1+) Hexamine(1+) Thiomersal (2+)	Cetrimide(1+) Hexamine(1+) Thiomersal (2+)	ACD to Cetrimide Hexamine Thiomersal	Possible
2.	Kumkum	NK	BHT (1+) Chlorocresol (1+) PPD (2+)	BHT (1+) Chlorocresol (1+) PPD (3+)	BHT (1+) Chlorocresol (1+) PPD (3+)	ACD to BHT Chlorocresol, PPD	Definitive to PPD, Possible to Chlorocresol and BHT
3.	Kumkum	NK	Thiomersal (1+) FM (1+)	Thiomersal (1+) FM (2+)	Thiomersal (1+) FM (2+) Cetrimide (1+)	ACD to Thiomersal FM &PACD to Cetrimide	Probable to FM, Possible to Thiomersal and cetrimide
4.	Kumkum	NK	-	Chloracetamide (1+) PPD (1+) Tween 80(1+) Musk mix (1+) Geranium oil(1+) Rose oil (1+)	Ni (2+) Chloracetamide (1+) PPD (1+) Tween 80 (1+) Musk mix (1+) Geranium oil(1+) Rose oil (1+)	PACD to Ni & ACD to Chloracetamide PPD Tween 80 Musk mix Geranium oil Rose oil	Definitive to Nickel, PPD, Probable to Musk mix, Geranium oil, Rose oil, Possible to chloracetamide, tween 80
5.	Kumkum	NK	Triethanolamine (1+) PPD (2+)	Triethanolamine (1+) PPD (2+)	Triethanolamine (1+) PPD (2+)	ACD to Triethanolamine PPD	Definitive to PPD, possible to triethanolamine
Eye cosmetics (Eyeliner)							

Case No.	Suspected cosmetic	Brand /constituent	Patch and Photopatch test			Diagnosis	Relevance
			At 48 hrs	At 96 hrs (NIR)	At 96 hrs (IR)		
1.	Eyeliners, Mascara	Blue heaven (almond oil, natural colors, Vit E, Camphor, Desi ghee)	-	-	Hexamine (1+)	PACD to Hexamine	Probable
2.	Eyeliners, Mascara	NK	own use product (1+)	Nickel (1+),	Nickel (1+)	ACD to Nickel	Definite
Lipstick							
Case No.	Suspected cosmetic	Repeated open application test				Diagnosis	
1.	Zariba lipstick	Positive on 7 th day				ACD to own use product	
Shaving cream							
Case No.	Suspected cosmetic	Brand /constituent	Patch and Photopatch test			Diagnosis	Relevance
			At 48 hrs	At 96 hrs (NIR)	At 96 hrs (IR)		
1.	Shaving cream	Gillette shaving cream	Cetrimide (1+)	Cetrimide (1+)	Cetrimide (1+)	ACD to Cetrimide	Probable
Multiple cosmetics							
Case No.	Suspected cosmetic	Patch and Photopatch test			Diagnosis	Relevance	
		At 48 hrs	At 96 hrs (NIR)	At 96 hrs (IR)			
1.	Keo Karpin hair oil, Mustard oil, cream (NK)	FM (1+)	FM (1+)	FM (1+)	FM	Definitive	
2.	Oriflamme pure color lipstick, Mac fashion	Musk mix (1+) Colophony (2+) Epoxy resin (1+) Paraben mix (1+)	Musk mix (2+) Colophony (3+)	Musk mix (2+) Colophony (3+) Epoxy resin (1+)	ACD to Musk mix Colophony Epoxy resin	Definitive	

	legacy retro matte liquid lip color, Huda beauty liquid matte lipstick, Nova gold hair spray, ADS sindoor pencil	Fragrance mix (2+)	Epoxy resin (1+) Paraben mix (1+) Fragrance mix (2+) BOP(2+)	Paraben mix (1+) Fragrance mix (2+) BOP(2+)	Paraben mix Fragrance mix BOP	
3.	Lakme foundation, chapter lip balm, indigenous sindoor	PPD (3+)	PPD (3+)	PPD (3+)	ACD to PPD	Probable
4.	Godrej hair dye, fair and lovely	PPD (1+)	PPD (1+)	PPD (1+)	ACD to PPD	Definitive

Abbreviations: IR, Irradiated side. NIR, non-irradiated side. NK, Not known. 1+, weakly positive reaction. 2+, strongly positive reaction. 3+, extremely positive reaction.