

Supplementary Tables have been published as submitted. They have not been copyedited, typeset or checked for scientific content by Acta Dermato-Venereologica.

Table SI. Comparison of respondents and non-respondents

	Respondents	Non-respondents	Respondents vs non-respondents OR (95%CI)
Female	96.3 (1430/1485)	94.0 (3145/3345)	1.7 (1.2-2.2=, P=0.001)
Age			
21-30	49.5 (735/1485)	53.8 (1798/3345)	0.8 (0.7-1.0=, P=0.006)
31-40	46.5 (691/1485)	43.4 (1451/3345)	1.1 (1.0-1.3), P=0.04
>40	4.0 (59/1485)	2.9 (96/3345)	1.4 (1.0-1.9), P=0.04

Table SII. Use of artificial nail modelling systems containing HEMA or other (meth)acrylates. HEMA: 2-hydroxymethacrylate

	Other (meth)acrylates <i>Acrylic nails, press-on nails</i>	HEMA <i>Long-lasting nail polish, gel nails</i>	HEMA vs other
Self-use			
Past year	20.4 (196/961)	51.7 (614/1187)	4.2 (3.4-5.1), P<0.001
Applications/self/year			
1-6	59.2 (116/196)	50.3 (309/614)	0.7 (0.5-1.0), P=0.03
7-12	33.2 (65/196)	25.2 (155/614)	0.7 (0.5-1.0) P=0.03
>12	7.7 (15/196)	24.4 (150/614)	3.9 (2.2-6.8), P<0.001
Application on others			
Past month	4.4 (8/180)	17.0 (49/288)	4.4 (2.0-9.5), P<0.001
Applications/persons/month			
1-10	0.0 (0/8)	83.7 (41/49)	NA, P<0.001
11-20	87.5 (7/8)	10.2 (5/49)	0.0 (0.0-0.2) P<0.001
>20	12.5 (1/8)	6.1 (3/49)	0.5 (0.0-5.0). P=0.51

Table SIII. Questions used to assess exposure to ANMS and ANMS related hand eczema. The questions are translated from Danish. ANMS: artificial nail modelling systems.

Question relating to artificial nails	Response option(s)
Are you trained beautician?	Yes No
Have you ever used artificial nails or applied them on others?	Yes, used, but not applied on others Yes, both used and applied on others Yes, applied on others, but not used No
How old were you when you first had artificial nails?	(age, numerical)
Do you have artificial nails right now?	Yes No
How many times in the past year, have you had acrylic nails?	(number of times, numerical)
How many times in the past year, have you had gel nails?	(number of times, numerical)
How many times in the past year, have you had press-on nails?	(number of times, numerical)
If you have had artificial nails in the past year, did you primarily do them on yourself or had them done in a salon?	Primarily done them on myself Primarily had them done in a salon Both I have not had artificial nails in the past month
When you have applied artificial nails on others, did you do it:	Privately As employed in a salon Both
Which artificial nails types have you ever applied on others?	Acrylic nails Gel nails Press-on nails
How many times in the past month have you applied acrylic nails on others?	(number of persons, numerical)
How many times in the past month have you applied gel nails on others?	(number of persons, numerical)
How many times in the past month have you applied press-on nails on others?	(number of persons, numerical)
Do you use gloves when applying artificial nails on others?	Yes, always Yes, but not always No, never
If yes, which type of gloves do you most often use?	Vinyl gloves Latex gloves Nitril gloves Polyethylene gloves

	Thick rubber gloves Other
If you use gloves, do you use 2 layers of gloves simultaneously?	Yes, always Yes, but not always No
Have you ever had redness, scaling, swelling or oozing wounds after using or having applied artificial nails on others?	Yes, on the hands Yes, on the face Yes, both on the hands and the face No
Questions relating to long-lasting nail polish	
Have you ever used long-lasting nail polish or applied it on others?	Yes, used, but not applied on others Yes, both used and applied on others Yes, applied on others, but not used No
How old were you when you used long-lasting nail polish the first time	(years, numerical)
Do you use long-lasting nail polish right now?	Yes No
How many times in the past year have you used long-lasting nail polish	(number, numerical)
If you have had long-lasting nail polish in the past year, did you primarily do them on yourself or had them done in a salon?	Primarily done them on myself Primarily had them done in a salon Both I have not had artificial nails in the past month
When you have applied long-lasting nail polish on others, did you do it:	Privately As employed in a salon Both
How many times in the past month have you applied artificial nails on others?	(number of persons, numerical)
Do you use gloves when applying long-lasting nail polish on others?	Yes, always Yes, but not always No, never
If yes, which type of gloves do you use most often?	Vinyl gloves Latex gloves Nitril gloves Polyethylene gloves Thick rubber gloves Other

If you use gloves, do you use 2 layers of gloves simultaneously, when applying long-lasting nail polish on others?	Yes, always Yes, but not always No
Have you ever had redness, scaling, swelling or oozing wounds after using or having applied long lasting nail polish on others?	Yes, on the hands Yes, on the face Yes, both on the hands and the face No