

íslo Zprávy / Report No.: **22004688**



Název p ípravku / Product name:

**NSN PROFESSIONAL
UV - LED GELLAC color gel coat**

Verze zprávy / Report version No.: **221003/01**

Verze receptury / Formula version No.: **221003/01**

6. Expozice kosmetickému p ípravku/Exposure to the cosmetic product

Typ p ípravku/Product type (according to the manufacturer)	Nail polish
P edpokládané celkové množství aplikovaného p ípravku / Estimated total quantity of the product applied (g/1 application) according to the manufacturer	0.200
Celkové množství ed ného p ípravku / The total amount of the diluted product (g)	0.200
Odhadovaný reten ní dermální faktor / Estimated retention dermal factor	1.000
etnost použití za den / Frequency of application per day (according to the manufacturer)	0.286
Typ p ípravku dle doby p sobení / Type of product according to the exposure time	Leave on
Cílová skupina osob / Target group	For adults
Minimální hodnota MoS pro cílovou skupinu/minimum MoS value for the target group (according to The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, 3-6.9)	100.000
Vypo tená relativní denní expozice/Calculated relative daily exposure (mg/kg bw/den)	0.95333
P edpokládaná inhala ní expozice jako % z vypo tené relativní denní expozice / Estimated inhaled exposure as % of the calculated relative daily exposure	X
P edpokládaná inhala ní relativní denní expozice/Estimated inhaled relative daily exposure (mg/kg bw/den)	X
P edpokládaná expozice požitím jako % z vypo tené relativní denní expozice / Estimated daily exposure swallowed as % of the calculated relative daily exposure	X
P edpokládaná relativní denní expozice požitím/Estimated relative daily exposure by ingestion (mg/kg bw/den)	X

1. Kvantitativní a kvalitativní složení kosmetického přípravku / Quantitative and qualitative composition of the cosmetic product

Název složky INCI / INCI name	CAS	EINECS	Zamýšlená funkce / Functions	Omezení, p íloha Na ízení / Restriction, Annex to Regulation	Povinné tvrzení / Obligatory claims	Obsah složky % / Contents of %	Obsah aktivní látky (ve finálním výrobku) % / Contents (active ingredient) in finished product %	Obsah aktivní látky (ve složce) % / Contents (active substance) in ingredient %	Specifikace suroviny / Ingredient specification	Poznámka / Note
DI-HEMA Trimethylhexyl Dicarbamate	41137-60-4 / 72869-86-4	- / 276-957-5	film forming, nail sculpting	III/314 Nail products. Professional use only.	For professional use only. Can cause an allergic reaction.	50,0000000	50,0000000	100	deposited with the responsible person	
HEMA	868-77-9	212-782-2	film forming, nail sculpting	III/313 Nail products. Professional use only.	For professional use only. Can cause an allergic reaction.	30,0000000	30,0000000	100	deposited with the responsible person	
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	film forming	x	x	30,0000000	30,0000000	100	deposited with the responsible person	
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	282-810-6	UV Absorber	x	x	5,0000000	5,0000000	100	deposited with the responsible person	
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	binding	x	x	5,0000000	5,0000000	100	deposited with the responsible person	
Magnesium Fluoride	7783-40-6	231-995-1	antiplaque, oral care	III/56 Max. 0,15 % calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0,15 %.	Contains sodium fluoride. For any toothpaste containing 0,1 to 0,15 % fluoride unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: Use a pea sized amount for supervised brushing to minimize swallowing. In case of intake of fluoride from other sources consult a dentist or doctor'	0,2000000	0,2000000	100	deposited with the responsible person	
Fluorine	-	-	-	x	x	0,2000000	0,1211200	60,5600000		

Název složky INCI / INCI name	CAS	EINECS	Zamýšlená funkce / Functions	Omezení, p íloha Na ízení / Restriction, Annex to Regulation	Povinné tvrzení / Obligatory claims	Obsah složky % / Contents of %	Obsah aktivní látky (ve finálním výrobku) % / Contents (active ingredient) in finished product %	Obsah aktivní látky (ve složce) % / Contents (active substance) in ingredient %	Specifikace suroviny / Ingredient specification	Poznámka / Note
CI 77000	7429-90-5	231-072-3	cosmetic colorant	IV/117 Purity criteria as set out in Commission Directive 95/45/EC (E 173)	x	10,0000000	10,0000000	100	deposited with the responsible person	
CI 77019	12001-26-2	310-127-6	opacifying	x	x	10,0000000	10,0000000	100	deposited with the responsible person	
CI 77891	13463-67-7	236-675-5	cosmetic colorant	IV/143 Purity criteria as set out in Commission Directive 95/45/EC (E171)	x	10,0000000	10,0000000	100	deposited with the responsible person	
CI 77499	12227-89-3 / 1309-37-1 / 1317-61-9 / 1345-25-1 / 1345-27-3 / 52357-70-7	235-442-5 / 215-168-2 / 215-277-5 / 215-721-8 / 215-722-3 / 257-870-1	cosmetic colorant	IV/137 Purity criteria as set out in Commission Directive 95/45/EC (E172)	x	5,0000000	5,0000000	100	deposited with the responsible person	Iron Oxide Black
CI 15880	6417-83-0	229-142-3	cosmetic colorant	IV/29	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 19140	1934-21-0	217-699-5	cosmetic colorant	IV/44 Purity criteria as set out in Commission Directive 95/45/EC (E 102)	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 60725	81-48-1	201-353-5	cosmetic colorant	IV/89	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 73360	2379-74-0	219-163-6	cosmetic colorant	IV/100	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 74160	147-14-8	205-685-1	cosmetic colorant	IV/105	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 74260	1328-53-6	215-524-7	cosmetic colorant	IV/107 Not to be used in eye products		2,0000000	2,0000000	100	deposited with the responsible person	
CI 77007	12769-96-9 / 1302-83-6 / 57455-37-5	235-811-0 / 215-111-1 / -	cosmetic colorant	IV/120	x	2,0000000	2,0000000	100	deposited with the responsible person	
CI 77266	1333-86-4 / 7440-44-0	215-609-9 / 231-153-3 / 931-328-0 / 931-334-3	cosmetic colorant	IV/126 Purity criteria as set out in Commission Directive 95/45/EC (E 153)	x	2,0000000	2,0000000	100	deposited with the responsible person	

Ingredients (INCI): DI-HEMA Trimethylhexyl Dicarbamate, HEMA, Hydroxypropyl Methacrylate, Ethyl Trimethylbenzoyl Phenylphosphinate, Hydroxycyclohexyl Phenyl Ketone, Magnesium Fluoride, +/- CI 77000, CI 77019, CI 77891, CI 77499, CI 15880, CI 19140, CI 60725, CI 73360, CI 74160, CI 74260, CI 77007, CI 77266.

Celkový obsah aktivní látky (konzervant , alergen) ve finálním výrobku % / Total contents active ingredient (preservatives, allergens) in finished product %

Název složky INCI / INCI name	CAS	EINECS	Zamýšlená funkce / Functions	Omezení, p íloha Na ízení / Restriction, Annex to Regulation	Obsah aktivní látky (ve finálním výrobku) % / Contents (active ingredient) in finished product %
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7. Expozice látkám / Exposure to the substances

Název složky INCI / INCI name	Koncentrace / Concentration (%/100)	Koží prostupnost / Skin permeability (%/100)	SED derm (mg/kg bw/den) / SED derm (mg/kg bw/day)	Inhala ní vst ebatelnost / Inhalation absorption (%/100)	SED inhal (mg/kg bw/den) / SED inhal (mg/kg bw/day)	Vst ebatelnost po požití / Absorption after swallowed (%/100)	SED požití (mg/kg bw/den) / SED swallowed (mg/kg bw/day)	SED total (mg/kg bw/den) / SED total (mg/kg bw/day)
DI-HEMA Trimethylhexyl Dicarbamate	0,50000000	1,00000000	0,47666499	1,00000000	0,00000000	1,00000000	0,00000000	0,4766649902
HEMA	0,30000000	1,00000000	0,28599901	1,00000000	0,00000000	1,00000000	0,00000000	0,2859990055
Hydroxypropyl Methacrylate	0,30000000	1,00000000	0,28599901	1,00000000	0,00000000	1,00000000	0,00000000	0,2859990055
Ethyl Trimethylbenzoyl Phenylphosphinate	0,05000000	1,00000000	0,04766650	1,00000000	0,00000000	1,00000000	0,00000000	0,0476664997
Hydroxycyclohexyl Phenyl Ketone	0,05000000	1,00000000	0,04766650	1,00000000	0,00000000	1,00000000	0,00000000	0,0476664997
Magnesium Fluoride	X	X	X	X	X	X	X	X
Fluorine	X	X	X	X	X	X	X	X
Cl 77000	X	X	X	X	X	X	X	X
Cl 77019	0,10000000	1,00000000	0,09533300	1,00000000	0,00000000	1,00000000	0,00000000	0,0953329995
Cl 77891	X	X	X	X	X	X	X	X
Cl 77499	X	X	X	X	X	X	X	X
Cl 15880	X	X	X	X	X	X	X	X
Cl 19140	X	X	X	X	X	X	X	X
Cl 60725	X	X	X	X	X	X	X	X
Cl 73360	X	X	X	X	X	X	X	X
Cl 74160	X	X	X	X	X	X	X	X
Cl 74260	X	X	X	X	X	X	X	X
Cl 77007	X	X	X	X	X	X	X	X
Cl 77266	X	X	X	X	X	X	X	X

8. Toxikologický profil látek / Toxicological profile of the substances

Název složky INCI / INCI name	NOAEL (mg/kg bw/den)/ NOAEL (mg/kg bw/day)	Odvození/Reasoning	Zdroj/Source	Dodatečný faktor pro MoS/Additional factor for the MoS (NOAEL=1, LOAEL=3, 28-day test=3, 90-day test=1)	MOS
DI-HEMA Trimethylhexyl Dicarbamate	600	X	Final Report of the Safety Assessment of Methacrylate Ester Monomers Used in Nail Enhancement Products. Cosmetic Ingredient Review [online]. 2005 [cit. 2017-07-21]. Available from: cir-safety.org/sites/default/files/118_memrpt_suppl.pdf	1	1259
HEMA	30	X	2-hydroxyethyl methacrylate: Repeated dose toxicity: oral: 001 Key Experimental result. ECHA [online]. ©2007–2017 last updated 8.7.2017 [cit. 2017-07-21]. Available from: echa.europa.eu/cs/registration-dossier/-/registered-dossier/15124/7/6/2/?documentUUID=e0f4e307-6530-4402-a114-379b30878483	1	105
Hydroxypropyl Methacrylate	300	X	Methacrylic acid, monoester with propane-1,2-diol: Repeated dose toxicity: oral: 001 Key Experimental result. ECHA [online]. ©2007–2017 last updated 13.7.2017 [cit. 2017-07-25]. Available from: echa.europa.eu/cs/registration-dossier/-/registered-dossier/14978/7/6/2/?documentUUID=928b8521-e0b5-409b-912e-61d3f0fc02a6	3	350
Ethyl Trimethylbenzoyl Phenylphosphinate	500	X	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate: Repeated dose toxicity: oral: 001 Key Experimental result. ECHA [online]. ©2007–2017 last updated 13.7.2017 [cit. 2017-07-21]. Available from: echa.europa.eu/cs/registration-dossier/-/registered-dossier/11088/7/6/2	3	3497
Hydroxycyclohexyl Phenyl Ketone	300	X	Hydroxycyclohexyl phenyl ketone: Repeated dose toxicity: oral: 001 Key Experimental result. ECHA [online]. ©2007–2017, last updated 8.9.2017 [cit. 2017-10-04]. Available from: echa.europa.eu/cs/registration-dossier/-/registered-dossier/1936/7/6/2/?documentUUID=7d6beb1a-2e75-467a-a2ea-fa4461976a13	1	6294
Magnesium Fluoride	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
Fluorine	X	X	X	X	X
CI 77000	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 77019	7950	NOAEL is not available – toxicologically presentable substance to calculate the value MoS is: Silicon dioxide.	Silicon dioxide: Repeated dose toxicity: oral: 002 Key Experimental result. ECHA [online]. ©2007–2017, last updated 15.7.2017 [cit. 2017-07-28]. Available from: echa.europa.eu/cs/registration-dossier/-/registered-dossier/15556/7/6/2/?documentUUID=f342984f-2c11-4bc2-8279-69e596b746f0	1	83392
CI 77891	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X

Název složky INCI / INCI name	NOAEL (mg/kg bw/den)/ NOAEL (mg/kg bw/day)	Od vodn ní/Reasoning	Zdroj/Source	Dodate ný faktor pro MoS/Additional factor for the MoS (NOAEL=1, LOAEL=3, 28-day test=3, 90-day test=1)	MOS
CI 77499	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 15880	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 19140	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 60725	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 73360	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 74160	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 74260	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X		X

Název složky INCI / INCI name	NOAEL (mg/kg bw/den)/ NOAEL (mg/kg bw/day)	Od vodn ní/Reasoning	Zdroj/Source	Dodate ný faktor pro MoS/Additional factor for the MoS (NOAEL=1, LOAEL=3, 28-day test=3, 90-day test=1)	MOS
CI 77007	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X
CI 77266	X	Ingredients listed in the Annexes to Regulation EC No. 1223/2009 is SCCS guaranteed their safety and the safety assessor does not evaluate their toxicological properties (does not perform the calculation of MoS) - these ingredients are considered safe if they meet the requirements of the Annexes. The same is it, in the case of ingredients, to which SCCS gave your Opinion (according The SCCS Notes of Guidance for the testing of cosmetic ingredients and their safety evaluation 10TH revision, paragraph 3-1).	X	X	X