

uvex



uvex group
Restricted Substances List

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | |
|--|---------------------------|-------|------------|-----------------------------|---------------------|------|---------|------|----------|------|--------|------------|---------------|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | |
| DMFu [Dimethylfumarate] | | | | | | | | | | | | | |
| DMFu [Dimethylfumarate] | 624-49-7 | [ppm] | < 0.1 | | | ○ | | ○ | | | | | |
| Dyes | | | | | | | | | | | | | |
| Cleavable cancerogenic arylamines and free cancerogenic arylamines | Various | [ppm] | < Sum: 20 | | ● | ● | ● | ● | | | | | |
| Banned azo dyes which can generate carcinogenic amines | Various | [ppm] | < 20 | | ● | ● | ● | ● | | | | | |
| Carcinogenic colorants | Various | [ppm] | < 50 | | ● | | ● | ○ | | | | | |
| Allergenic colorants | Various | [ppm] | < 50 | | ● | | ● | ○ | | | | | |
| Flame retardants | | | | | | | | | | | | | |
| Boric acid | 10043-35-3, 11113-50-1 | [ppm] | n.d. | | | | | | | | | | |
| Diboron trioxide | 1303-86-2 | | | | | | | | | | | | |
| Disodium tetraborate, anhydrous | 1303-96-4 | | | | | | | | | | | | |
| HBCDD [Hexabromocyclododecane] | 3194-55-6 | | | | | | | | | | | | |
| TetraBDE [Tetrabromodiphenylether] | 40088-47-9 | | | | | | | | | | | | |
| PentaBDE [Pentabromodiphenylether] | 32534-81-9 | | | | | | | | | | | | |
| HexaBDE [Hexabromodiphenylether] | 36483-60-0 | | | | | | | | | | | | |
| HeptaBDE [Heptabromodiphenylether] | 68928-80-3 | | | | | | | | | | | | |
| OctaBDE [Octabromodiphenylether] | 32536-52-0 | | | | | | | | | | | | |
| DecaBDE [Dekabromodiphenylether] | 1163-19-5 | | | | | | | | | | | | |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | | | | | | | | | | | | |
| TRIS [Tris(2,3-dibromopropyl)phosphate] | 126-72-7 | | | | | | | | | | | | |
| TCEP [Tris(2-chloroethyl)phosphate] | 115-96-8 | | | | | | | | | | | | |
| TDCPP [Tris(1,3-dichloro-isopropyl)phosphate] | 13674-87-8 | | | | | | | | | | | | |
| TEPA [Tris(1-aziridinyl)phosphine oxide] | 545-55-1 | | | | | | | | | | | | |
| TXP [Trixylyl phosphate] | 25155-23-1 | | | | | | | | | | | | |
| PBB [Polybromobiphenyls] | 59536-65-1, 36355-01-8 | | | | | | | | | | | | |
| | Various | [ppm] | < 1000 | For RoHs relevant articles | | | | | | | | | |
| PBDE [Polybrominated diphenyl ethers] | Various | [ppm] | < 1000 | For RoHs relevant articles | | | | | | | | | |
| TBBP A [Tetrabromobisphenol A] | 79-94-7 | [ppm] | < 10 each | in direct contact with skin | | | | | | | | | |
| BBMP [2,2-bis(bromomethyl)-1,3-propanediol] | 3296-90-0 | | | | | | | | | | | | |
| BDBPP [Bis(2,3-dibromopropyl) phosphate] | 5412-25-9 | | | | | | | | | | | | |
| DBDPE [Decabromodiphenylethane] | 84852-53-9 | [ppm] | < 10 | | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | | | |
|--|---------------------|----------------------------|------------|---|---------------------|------|---------|------|----------|------|--------|------------|---------------|---|--|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber | | |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | | | |
| Formaldehyde | | | | | | | | | | | | | | | |
| Formaldehyde | 50-00-0 | [ppm] | < 75 | | ○ | ● | ○ | ● | | | | | | | |
| Heavy metals (Extractable) | | | | | | | | | | | | | | | |
| Sb [Antimony] | 7440-36-0 | [ppm] | < 30.0 | in direct contact with skin, except textiles with modacrylic | ● | | | | | | | | | | |
| As [Arsenic] | 7440-38-2 | [ppm] | < 1.0 | in direct contact with skin | ● | ● | ○ | ● | ○ | ○ | ● | ● | ○ | | |
| Ba [Barium] | 7440-39-3 | [ppm] | < 1000 | in direct contact with skin | ● | ● | ● | ● | ○ | ○ | | ● | ○ | | |
| Pb [Lead] | 7439-92-1 | [ppm] | < 1.0 | in direct contact with skin, except optical filters & PSE against ionizing radiation | ● | ● | ● | ● | | | | | | ● | |
| Cd [Cadmium] | 7440-43-9 | [ppm] | < 0.1 | in direct contact with skin; for textiles and shoes < 1.0 ppm | ● | ● | ● | ● | | | | | | ● | |
| Cr (VI) [Chromium VI] | 18540-29-9 | [ppm] | < 0.5 | in direct contact with skin; for leather with or without aging < 3.0 ppm, for textiles in shoes < 1.0 ppm | ● | ● | ● | ● | | | | | | ● | |
| Co [Cobalt] | 7440-48-4 | [ppm] | < 4.0 | in direct contact with skin | ● | ● | ● | ● | | | | | | ● | |
| Cu [Copper] | 7440-50-8 | [ppm] | < 50.0 | in direct contact with skin | ● | ● | ● | ● | | | | | | ● | |
| Ni [Nickel] | 7440-02-0 | [ppm] | < 4.0 | in direct contact with skin, for textiles | ● | ● | ● | ● | | | | ● | | ● | |
| Hg [Mercury] | 7439-97-6 | [ppm] | < 0.02 | in direct contact with skin | ● | ● | ● | ● | | | | | | ● | |
| Heavy metals in digested sample (Total) | | | | | | | | | | | | | | | |
| Pb [Lead] | 7439-92-1 | [ppm] | < 90.0 | except optical filters & PSE against ionizing radiation | | | | | | | | | | | |
| Cd [Cadmium] | 7440-43-9 | [ppm] | < 40.0 | except optical filters & PSE for welding | | | ○ | | ● | ● | ○ | ● | ● | | |
| As [Arsenic] | 7440-38-2 | [ppm] | < 100 | | | | | | | | | | | | |
| Hg [Mercury] | 7439-97-6 | [ppm] | < 0.5 | | | | | | | | | | | | |
| Cr (VI) [Chromium VI] | 18540-29-9 | [ppm] | < 1000 | For RoHs relevant articles | | | | | ● | ● | ● | | | | |
| Nickel release | | | | | | | | | | | | | | | |
| Ni [Nickel] | 7440-02-0 | [µg/cm ² /week] | < 0.5 | in direct contact with skin, for metals and metallic coatings on plastics | | | | | | | | ● | ○ | | |
| n-Nitrosamines | | | | | | | | | | | | | | | |
| n-Nitrosamines | Various | [ppm] | < 0.5 each | relevant for vulcanized materials (rubber) | | | | | | | | | | ● | |
| PFC [Perfluorocarbons] | | | | | | | | | | | | | | | |
| PFUdA [Henicosafuoroundecanoic acid and salts] | 2058-94-8, et. al. | [ppm] | < 0.1 | relevance for oil/water proof applications | | | | | | | | | | | |
| PFDoA [Tricosafuorododecanoic acid and salts] | 307-55-1, et. al. | [ppm] | < 0.1 | | | | | | | | | | | | |
| PFTrDA [Pentacosafuorotridecanoic acid and salts] | 72629-94-8, et. al. | [ppm] | < 0.1 | | | | | | | | | | | | |
| PFTeDA [Heptacosafuorotetradecanoic acid and salts] | 376-06-7, et. al. | [ppm] | < 0.1 | | | ● | ● | | ● | | | | | | |
| PFOS [Perfluorooctane sulfonate and related substances] | Various | [µg/m ²] | < 1.0 | | | | | | | | | | | | |
| PFOA [Perfluorooctanoic acid, its salts and PFOA-related substances] | 335-67-1, et. al. | [µg/m ²] | < 1.0 | | | | | | | | | | | | |
| Perfluorobutane sulfonic acid | 375-73-5 | [ppm] | < 100 | | | | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | |
|-----------------------------------|-----------------------------|------|------------|------------------------|---------------------|------|---------|------|----------|------|--------|------------|---------------|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | |
| Pesticides | | | | | | | | | | | | | |
| 2,4,5-Trichlorophenoxyacetic acid | 93-76-5 | | | | | | | | | | | | |
| 2,4-Dichlorophenoxyacetic acid | 94-75-7 | | | | | | | | | | | | |
| Acetamiprid | 135410-20-7, 160430-64-8 | | | | | | | | | | | | |
| Aldicarb | 116-06-3 | | | | | | | | | | | | |
| Aldrine | 309-00-2 | | | | | | | | | | | | |
| Azinophosethyl | 2642-71-9 | | | | | | | | | | | | |
| Azinophosmethyl | 86-50-0 | | | | | | | | | | | | |
| Bromophos-ethyl | 4824-78-6 | | | | | | | | | | | | |
| Captafol | 2425-06-1 | | | | | | | | | | | | |
| Carbaryl | 63-25-2 | | | | | | | | | | | | |
| Chlorobenzilate | 510-15-6 | | | | | | | | | | | | |
| Chlordane | 57-74-9 | | | | | | | | | | | | |
| Chlordimeform | 6164-98-3 | | | | | | | | | | | | |
| Chlorfenvinphos | 470-90-6 | | | | | | | | | | | | |
| Clothianidin | 210880-92-5 | | | | | | | | | | | | |
| Coumaphos | 56-72-4 | | | | | | | | | | | | |
| Cyfluthrin | 68359-37-5 | | n.d. | | | ● | | ● | | | | | |
| Cyhalothrin | 91465-08-6 | | | | | | | | | | | | |
| Cypermethrin | 52315-07-8 | | | | | | | | | | | | |
| DEF | 78-48-8 | | | | | | | | | | | | |
| Deltamethrin | 52918-63-5 | | | | | | | | | | | | |
| DDD | 53-19-0, 72-54-8 | | | | | | | | | | | | |
| DDE | 3424-82-6, 72-55-9 | | | | | | | | | | | | |
| DDT | 50-29-3, 789-02-6 | | | | | | | | | | | | |
| Diazinon | 333-41-5 | | | | | | | | | | | | |
| Dichlorprop | 120-36-5 | | | | | | | | | | | | |
| Dicrotophos | 141-66-2 | | | | | | | | | | | | |
| Dieldrine | 60-57-1 | | | | | | | | | | | | |
| Dimethoate | 60-51-5 | | | | | | | | | | | | |
| Dinoseb, its salts and acetate | 88-85-7, et. al. | | | | | | | | | | | | |
| Dinotefuran | 165252-70-0 | | | | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | | |
|---|---|------|------------|------------------------|---------------------|------|---------|------|----------|------|--------|------------|---------------|--|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber | |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | | |
| Endosulfan | 115-29-7 | | | | | | | | | | | | | |
| Endosulfan, α- | 959-98-8 | | | | | | | | | | | | | |
| Endosulfan, β- | 33213-65-9 | | | | | | | | | | | | | |
| Endrine | 72-20-8 | | | | | | | | | | | | | |
| Esfenvalerate | 66230-04-4 | | | | | | | | | | | | | |
| Fenvalerate | 51630-58-1 | | | | | | | | | | | | | |
| Heptachlor | 76-44-8 | | | | | | | | | | | | | |
| Heptachloroepoxide | 1024-57-3, 28044-83-9 | | | | | | | | | | | | | |
| Hexachlorbenzene | 118-74-1 | | | | | | | | | | | | | |
| Hexachlorcyclohexanes, including Lindane | 319-84-6, 319-85-7, 319-86-8, 608-73-1, 58-89-9 | | | | | | | | | | | | | |
| Imidacloprid | 105827-78-9, 138261-41-3 | | | | | | | | | | | | | |
| Isodrine | 465-73-6 | | | | | | | | | | | | | |
| Kelevane | 4234-79-1 | | | | | | | | | | | | | |
| Kepone | 143-50-0 | | n.d. | | | | ● | | ● | | | | | |
| Malathion | 121-75-5 | | | | | | | | | | | | | |
| MCPA | 94-74-6 | | | | | | | | | | | | | |
| MCPB | 94-81-5 | | | | | | | | | | | | | |
| Mecoprop | 93-65-2 | | | | | | | | | | | | | |
| Metamidophos | 10265-92-6 | | | | | | | | | | | | | |
| Methoxychlor | 72-43-5 | | | | | | | | | | | | | |
| Mirex | 2385-85-5 | | | | | | | | | | | | | |
| Monocrotophos | 6923-22-4 | | | | | | | | | | | | | |
| Nitenpyram | 150824-47-8, 120738-89-8 | | | | | | | | | | | | | |
| Parathion | 56-38-2 | | | | | | | | | | | | | |
| Parathion-methyl | 298-00-0 | | | | | | | | | | | | | |
| Pentachlorobenzene | 608-93-5 | | | | | | | | | | | | | |
| Perthane | 72-56-0 | | | | | | | | | | | | | |
| Phosdrin/Mevinphos | 7786-34-7 | | | | | | | | | | | | | |
| Phosphamidone | 13171-21-6 | | | | | | | | | | | | | |
| Propethamphos | 31218-83-4 | | | | | | | | | | | | | |
| Profenophos | 41198-08-7 | | | | | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | | | | | | | | | |
|---|-------------|-------|-------------|---|---------------------|------|---------|------|----------|------|--------|------------|---------------|--|--|--|--|--|--|--|--|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber | | | | | | | | |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | | | | | | | | | |
| Quinalphos | 13593-03-8 | | | | | | | | | | | | | | | | | | | | |
| Strobane | 8001-50-1 | | | | | | | | | | | | | | | | | | | | |
| Telodrine | 297-78-9 | | | | | | | | | | | | | | | | | | | | |
| Thiacloprid | 111988-49-9 | | n.d. | | | | | | | | | | | | | | | | | | |
| Thiamethoxam | 153719-23-4 | | | | | | | | | | | | | | | | | | | | |
| Toxaphene (Chlorocamphene) | 8001-35-2 | | | | | | | | | | | | | | | | | | | | |
| Trifluralin | 1582-09-8 | | | | | | | | | | | | | | | | | | | | |
| Sum of Pesticides | Various | [ppm] | < Sum: 1.0 | | | | | | | | | | | | | | | | | | |
| Phenols, toluenes, benzenes (also chlorinated) | | | | | | | | | | | | | | | | | | | | | |
| PCP [Pentachlorophenol] | 87-86-5 | [ppm] | < 0.5 | | | | | | | | | | | | | | | | | | |
| TeCP [2,3,5,6-Tetrachlorophenol] | 935-95-5 | | | | | | | | | | | | | | | | | | | | |
| TeCP [2,3,4,5-Tetrachlorophenol] | 4901-51-3 | [ppm] | < 0.5 each | | | | | | | | | | | | | | | | | | |
| TeCP [2,3,4,6-Tetrachlorophenol] | 58-90-2 | | | | | | | | | | | | | | | | | | | | |
| TrCP [Trichlorophenols] | Various | [ppm] | < Sum: 2.0 | | | | | | | | | | | | | | | | | | |
| Chlorinated benzenes and toluenes (without 1,2-Dichlorobenzene) | Various | [ppm] | < Sum: 1.0 | | | | | | | | | | | | | | | | | | |
| 1,2-Dichlorobenzene | 95-50-1 | [ppm] | < 10.0 | | | | | | | | | | | | | | | | | | |
| α,α,α,4-Tetrachlorotoluene | 5216-25-1 | [ppm] | < 1.0 | | | | | | | | | | | | | | | | | | |
| α,α,α-Trichlorotoluene | 98-07-7 | [ppm] | < 1.0 | | | | | | | | | | | | | | | | | | |
| α-Chlorotoluene | 100-44-7 | [ppm] | < 1.0 | | | | | | | | | | | | | | | | | | |
| OPP [o-Phenylphenol] | 90-43-7 | [ppm] | < 25.0 | for leather < 250 ppm | | | | | | | | | | | | | | | | | |
| Toluene | 108-88-3 | [ppm] | < 2.0 | except gloves for special purposes | | | | | | | | | | | | | | | | | |
| Styrene | 100-42-5 | [ppm] | < 10.0 | | | | | | | | | | | | | | | | | | |
| NP [Nonylphenol] | Various | | | | | | | | | | | | | | | | | | | | |
| OP [Octylphenol] | Various | [ppm] | < Sum: 10.0 | | | | | | | | | | | | | | | | | | |
| NPEO [Nonylphenoethoxylates] | Various | | | | | | | | | | | | | | | | | | | | |
| OPEO [Octylphenoethoxylates] | Various | [ppm] | < Sum: 100 | | | | | | | | | | | | | | | | | | |
| Benzene | 71-43-2 | [ppm] | < 5.0 | for textiles, shoes and respiratory masks, or parts thereof | | | | | | | | | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | |
|---|-------------|-------|-------------|--|---------------------|------|---------|------|----------|------|--------|------------|---------------|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | |
| Phthalates | | | | | | | | | | | | | |
| DIBP [Diisobutylphthalate] | 84-69-5 | [ppm] | < Sum: 1000 | | | | | | | | | | |
| DBP [Dibutylphthalate] | 84-74-2 | | | | | | | | | | | | |
| BBP [Benzylbutylphthalate] | 85-68-7 | | | | | | | | | | | | |
| DEHP [Bis(2-ethylhexyl)phthalate] | 117-81-7 | [ppm] | < Sum: 1000 | | | | | | | | | | |
| DIHP [1,2-Benzenedicarboxylic acid, Di-C6-8-branched alkyl esters, C7-rich] | 71888-89-6 | | | | | | | | | | | | |
| DMEP [Bis(2-methoxyethyl)phthalate] | 117-82-8 | | | | | | | | | | | | |
| DPP [Dipentylphthalate] | 131-18-0 | | | | | | | | | | | | |
| DIPP [Diisopentylphthalate] | 605-50-5 | | | | | | | | | | | | |
| DnHP [Di-n-hexyl-phthalate] | 84-75-3 | [ppm] | < 1000 each | | | | | | | | | | |
| DNOP [Di-n-octylphthalate] | 117-84-0 | | | | | | | | | | | | |
| DINP [Diisononylphthalate] | 28553-12-0 | | | | | | | | | | | | |
| DIDP [Diisodecylphthalate] | 26761-40-0 | | | | | | | | | | | | |
| PIPP [n-pentyl-isopentyl phthalate] | 776297-69-9 | | | | | | | | | | | | |
| DHNUP [1,2-Benzenedicarboxylic acid, Di-C7-11-branched and linear alkyl esters] | 68515-42-4 | | | | | ○ | | ○ | ● | | ○ | ○ | |
| DHxP [1,2-Benzenedicarboxylic acid, Dihexyl ester, Branched and linear] | 68515-50-4 | | | | | | | | | | | | |
| DIOP [Diisooctylphthalate] | 27554-26-3 | | | | | | | | | | | | |
| DCHP [Dicyclohexyl phthalate] | 84-61-7 | | | | | | | | | | | | |
| DEP [Diethylphthalate] | 84-66-2 | | | | | | | | | | | | |
| DMP [Dimethylphthalate] | 131-11-3 | | | | | | | | | | | | |
| DIHxP [Diisohexylphthalate] | 71850-09-4 | | | | | | | | | | | | |
| DPrP [Di-n-propylphthalate] | 131-16-8 | | | | | | | | | | | | |
| DNP [Di-n-nonylphthalate] | 84-76-4 | | | | | | | | | | | | |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear | 84777-06-0 | | | | | | | | | | | | |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters | 68515-51-5 | | | | | | | | | | | | |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters | 68648-93-1 | | | | | | | | | | | | |
| Sum of all Phthalates | Various | [ppm] | < Sum: 1000 | for clothing and garments in textiles „non determinable“ in direct contact with skin | | | | | | | | | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | |
|--|------------|-------|--------------------------|--|---------------------|------|---------|------|----------|------|--------|------------|---------------|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | |
| PAH [Polycyclic aromatic hydrocarbons] | | | | | | | | | | | | | |
| Benzo(a)pyrene | 50-32-8 | [ppm] | < 0.5 | in direct contact with skin | ● | | ● | | ● | ● | ● | | |
| Benzo(e)pyrene | 192-97-2 | [ppm] | < 0.5 | | | | | | | | | | |
| Benzo(a)anthracene | 56-55-3 | [ppm] | < 0.5 | | | | | | | | | | |
| Benzo(b)fluoranthene | 205-99-2 | [ppm] | < 0.5 | | | | | | | | | | |
| Benzo(j)fluoranthene | 205-82-3 | [ppm] | < 0.5 | | | | | | | | | | |
| Benzo(k)fluoranthene | 207-08-9 | [ppm] | < 0.5 | | | | | | | | | | |
| Chrysene | 218-01-9 | [ppm] | < 0.5 | | | | | | | | | | |
| Dibenzo(a,h)anthracene | 53-70-3 | [ppm] | < 0.5 | | | | | | | | | | |
| Benzo(g,h,i)perylene | 191-24-2 | [ppm] | < 0.5 | | | | | | | | | | |
| Indeno(1,2,3-c,d)pyrene | 193-39-5 | [ppm] | < 0.5 | | | | | | | | | | |
| Naphthalene | 91-20-3 | [ppm] | < 1.0 / < 100 | in direct contact with skin: < 1.0 ppm / without skin contact, provided that neutral in odor < 100 ppm (e.g. not mobilized, in activated carbon filters) | | | | | | | | | |
| Fluoranthene | 206-44-0 | [ppm] | < 10.0 each / < 100 each | in direct contact with skin: < 10.0 ppm each / without skin contact: < 100 ppm each | | | | | | | | | |
| Phenanthrene | 85-01-8 | | | | | | | | | | | | |
| Pyrene | 129-00-0 | | | | | | | | | | | | |
| Total amount of PAHs (18 PAHs') | Various | [ppm] | < Sum: 10.0 | in direct contact with skin, except gloves for special purposes | | | | | | | | | |
| Quinoline | | | | | | | | | | | | | |
| Quinoline | 91-22-5 | [ppm] | < 50.0 | | ○ | ○ | ○ | | ○ | ○ | ○ | ○ | |
| SCCP [Short chain chlorinated paraffines] | | | | | | | | | | | | | |
| SCCP [Short chain chlorinated paraffines] | 85535-84-8 | [ppm] | < 100 | | | | ○ | ● | ● | ● | | ○ | ○ |
| Solvent residues | | | | | | | | | | | | | |
| NMP [N-Methyl-2-pyrrolidone] | 872-50-4 | [ppm] | < 500 | | ○ | | | ○ | | | | | ○ |
| DMAc [Dimethylacetamide] | 127-19-5 | [ppm] | < 500 | | ○ | | | | | | | | |
| DMFa [Dimethylformamide] | 68-12-2 | [ppm] | < 1000 | especially for polyurethane coatings of gloves | | | ● | | ○ | ○ | | ● | ● |
| Formamide | 75-12-7 | [ppm] | < 1000 | | | | ● | | | | | ● | |

| Parameter | CAS No. | Unit | uvex limit | Additional information | Material categories | | | | | | | | | | |
|---|---------|-------|------------|--|---------------------|------|---------|------|----------|------|--------|------------|---------------|--|--|
| | | | | | Textiles | | Leather | | Plastics | | Metals | Coatings * | Foamed rubber | | |
| | | | | | synth. | nat. | synth. | nat. | hard | soft | | | | | |
| Tin organic compounds | | | | | | | | | | | | | | | |
| TBT [Tributyltin] | Various | [ppm] | < 0.5 | in direct contact with skin | | | | | | | | | | | |
| TPhT [Triphenyltin] | Various | [ppm] | < 0.5 | | | | | | | | | | | | |
| DBT [Dibutyltin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| DOT [Diocetyl tin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| MBT [Monobutyltin] | Various | [ppm] | < 1.0 | | | | ○ | | ○ | ● | | ● | ● | | |
| TCyHT [Tricyclohexyltin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| TMT [Trimethyltin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| TOT [Triocetyl tin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| TPT [Tripropyltin] | Various | [ppm] | < 1.0 | | | | | | | | | | | | |
| VOC [Volatile organic compounds] | | | | | | | | | | | | | | | |
| VOC [Volatile organic compounds] | Various | [ppm] | < Sum: 100 | relevance for respiratory masks (especially textile filter material) | ● | | ○ | ○ | ○ | ● | | ○ | ○ | | |

* includes paints, lacquers, prints

Abbreviations:
n.d. (non determinable)

Rev.06

| | |
|---|----------|
| ¹ 18 Polycyclic aromatic hydrocarbons (18 PAHs): | CAS No. |
| Naphthalene | 91-20-3 |
| Acenaphthylene | 208-96-8 |
| Acenaphthene | 83-32-9 |
| Fluorene | 86-73-7 |
| Phenanthrene | 85-01-8 |
| Pyrene | 129-00-0 |
| Anthracene | 120-12-7 |
| Fluoranthene | 206-44-0 |
| Benzo(a)pyrene | 50-32-8 |
| Benzo(e)pyrene | 192-97-2 |
| Benzo(a)anthracene | 56-55-3 |
| Benzo(b)fluoranthene | 205-99-2 |
| Benzo(j)fluoranthene | 205-82-3 |
| Benzo(k)fluoranthene | 207-08-9 |
| Chrysene | 218-01-9 |
| Dibenzo(a,h)anthracene | 53-70-3 |
| Benzo(g,h,i)perylene | 191-24-2 |
| Indeno(1,2,3-c,d)pyrene | 193-39-5 |

- High risk of chemical being in use, tests are required frequently
- Low risk of chemical being in use, at least occasional tests should be done
- Unlikely occurrence

In general the updated version of the REACH Regulation (EC) No 1907/2006 and in particular the Candidate List of SVHC (Substances of Very High Concern), Annex XIV (List of substances subject to authorisation) as well as Annex XVII (Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles) have to be complied with!

In addition the updated version of the Regulation (EC) No 2019/1021 ("POP Regulation") has to be complied with!



Valid for all products produced by UVEX SPORTS GROUP GmbH & Co. KG,
UVEX SAFETY GROUP GmbH & Co. KG and subsidiaries from May 1st, 2020.

Imprint

UVEX SAFETY GROUP GmbH & Co. KG

Würzburger Straße 181 - 189

90766 Fürth

T +49 911 9736-0

F +49 911 9736-1760

E svhc-safety@uvex.de

I uvex-safety.de

protecting people