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|  ASSOCIATION POUR L'ASSURANCE QUALITÉ DES FABRICANTS DE BRACELETS CUIR | | DOC nb LIS004_08 |
| | | Replace LIS004_07 |
| RESTRICTED SUBSTANCES LIST FOR GLUES | | |
| Application date: 01Jul24 | | Page 1/8 |
| Written by | Quality review (signature/date) | Process owner (signature/date) |
| |  28-Jun-2024 |  28-Jun-2024 |
| Sébastien Bagot / Technical & Quality Manager | David Astier / QA&QC Officer | Sébastien Bagot / Technical & Quality Manager |

Change log

| Version | Date | Modification |
|---------|---------|---|
| 07 | 12Apr23 | Revision – Decision TWG by mail 31Mar23 – action CQI-23-081a <ul style="list-style-type: none"> ✓ Aromatic Amines – Correction of substance name for CAS 90-04-0 ✓ Aromatic Amines – Add of note for the equivalence of certain aromatic amines with the ones of entry 72 of REACH Annex XVII ✓ Bisphenols – Add of bisphenol testing ✓ Diester – Integration of EDGMA into the list ✓ Flame retardants - add of 3 brominated SVHCs – Suppression of TEPA and TRIS ✓ Metals – Chromium (VI) - add of related substances ✓ Metals – Change of method to EN 16711-1 ✓ Phenols - Precision/add of CAS number for isononylphenol and isononylphenol ethoxylated ✓ SVHC (various) - 3 new entries |
| 08 | 01Jul24 | Revision – Decision TWG by mail 26Jun24 <ul style="list-style-type: none"> ✓ Regulation table - Add of AGECE regulation ✓ Limits for SVHCs - Add of AGECE regulation ✓ Aromatic amines: - Add of textile method EN 14362 ✓ Bisphenols - Suppression of bisphenols B and AF and indication of ISO 11936 method ✓ Brominated flame retardants – change of limits for OctaBDE and also for other PBDEs ✓ Metals – change of method for Cr(VI), add of a limit for Nickel and suppression of tin ✓ Phenols – Add of Annex XIV as legal limit and add of resorcinol (AGECE) ✓ Phthalates – Add of DIOP (AGECE) ✓ Add of (organo)Stannic compounds ✓ PTBP for bracelets glued with neoprene glue: lower limit from 25 to 20 mg/kg |

Associated document (level 1)

| Document | Title |
|----------|-----------------------------|
| MAQ016 | Chemical Compliance Process |

Associated document (level 2)

| Document | Title |
|----------|---|
| PRO005 | Management of AQC Quality Control for glues |

Associated document (level 3)*

| Document | Title |
|----------|-------|
| - | - |

* Internal documents – not disclosed.

RESTRICTED SUBSTANCES LIST FOR GLUES

Scope of the document

This document defines the list of restricted dangerous chemical substances and testing requirements in the context of glues for leather bracelet as specified by AQC.

For the definition of the limit present in this Restricted Substances list (RSL), AQC takes into consideration all the current international regulations for dangerous substances available and select the strictest limit. The list of chemicals present in this document has been selected based on a risk-based approach completed by AQC experience and knowledge.

International regulations mentioned in this document are:

| Abbreviation | Regulation | Country | Comment |
|----------------|--|------------------|---|
| 16CFR1303 | Ban of lead-containing paint and certain consumer products bearing lead-containing paint | USA | - |
| AGEC | "anti-waste for a circular economy law" of February 10, 2020 | France | SVHC substances in the "Arrêté du 30 août 2023" |
| EU POP | Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants | European Union | - |
| GB 20400-2006 | Leather and fur—Limit of harmful matter | China | - |
| JP 112 | Law on Control of Household Products Containing Harmful Substances | Japan | - |
| OChim | Ordinance on Protection against Dangerous Substances and Preparations | Switzerland | - |
| ORRChim | Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances, Preparations and Articles | Switzerland | - |
| Proposition 65 | Safe Drinking Water and Toxic Enforcement Act | USA (California) | - |
| REACH XIV | Regulation (EC) no 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) | European Union | Annex XIV Substances subject to authorization |
| REACH XVII | | | Annex XVII Substances subject to restriction |
| REACH SVHC | | | Substances of Very High Concern |

Specific AQC consideration

In the column for regulation, "AQC" stands for extra-regulatory limit set by AQC in a pro-active way:

- "AQC" alone is applied for substances without known regulation
For some substances, AQC performs testing without limit (for information) or with a limit concentration
- (AQC) after a regulation indicate that the scope has been enlarged to glues by AQC or that the limit applied by AQC is lower than requested by the more stringent regulation.

Limit for REACH and AGEV SVHCs

Article 33(1) of REACH requires that a supplier of articles containing a SVHC included in the Candidate List for authorization in a concentration above 0.1% (w/w) has to provide relevant safety information to the recipients of these articles (Watch Brands). Upon request of a consumer, Watch Brands have to provide relevant safety information about the SVHC to this consumer (Article 33(2) of REACH).

This requirement is also present in Swiss ordinance OChim, article 71.

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In article L451-9-1 of AGECE law, it is requested to inform consumers through a labelling of the product, any presence of dangerous substance (also called SVHCs in this document for practical reasons).
Limit concentration for information of the consumer is 0.1% (w/w).

There is no regulatory requirement to limit SVHCs content in articles to 1'000 mg/kg. Nevertheless, AQC Bracelet manufacturers limit all SVHC listed substances to 1'000 mg/kg in leather bracelet and its components before manufacturing.

AQC limit for Proposition 65

For substances listed in the Proposition 65 California, AQC limits take into account the limit in articles present in the case law of Proposition 65 and more precisely the limits indicated in the reformulation injunctions of settlements and judgements.

AQC considers case law: leather articles and related articles to the watch bracelet but also any other article with a related exposure scenario (skin contact).

For substances without any indication of a limit in articles, AQC performs testing of a risk-based selection of substances potentially used for leather production and keeps available for Watch Brands all the data as a support for labelling decision.

AQC limit for EU POP

AQC limits for substances EU POP regulation are in full accordance with the terms detailed for each substance.

AQC requirements for laboratory testing

- Sample picture

Picture of glue samples received by the laboratory have to be taken **without** plastic bag.

- Sample preparation

Glue samples are packaged in airtight white vials provided by AQC.

Glue samples are shipped unpolymerized if possible, otherwise dried (48 hours at room temperature, under adapted air aspiration)

Glue samples must be accompanied by Safety Data Sheet (SDS) and Technical sheet to allow laboratories to perform polymerization according to supplier instructions.

RESTRICTED SUBSTANCES LIST FOR GLUES

| Substance family | Substance Name | Abbr. | CAS Number | AQC limit for information | Strictest Regulation | Test Method |
|-------------------------------------|--|-------------|--------------|---------------------------|--------------------------|---|
| Aldehyde | Formaldehyde | - | 50-00-0 | 75 mg/kg | GB 20400-2006 | ISO 17226-1 adapted |
| Aromatic amines | Biphenyl-4-ylamine | - | 92-67-1 | 30 mg/kg each | REACH XVII (entry 43) | EN 14362-1 & -3 adapted if not available ISO 17234-1 adapted |
| | Benzidine | - | 92-87-5 | | | |
| | 4-chloro-o-toluidine ¹ | - | 95-69-2 | | | |
| | 2-naphthylamine ¹ | - | 91-59-8 | | | |
| | 4-o-tolylazo-o-toluidine | - | 97-56-3 | | | |
| | 5-nitro-o-toluidine | - | 99-55-8 | | | |
| | 4-chloroaniline | - | 106-47-8 | | | |
| | 4-methoxy-m-phenylenediamine ¹ | - | 615-05-4 | | | |
| | 4,4'-methylenedianiline | MDA | 101-77-9 | | | |
| | 3,3'-dichlorobenzidine | - | 91-94-1 | | | |
| | 3,3'-dimethoxybenzidine | - | 119-90-4 | | | |
| | 4,4'-bi-o-toluidine | - | 119-93-7 | | | |
| | 4,4'-methylenedi-o-toluidine | - | 838-88-0 | | | |
| | 6-methoxy-m-toluidine | - | 120-71-8 | | | |
| | 4,4'-methylenebis[2-chloroaniline] | MOCA | 101-14-4 | | | |
| | 4,4'-oxydianiline | - | 101-80-4 | | | |
| | 4,4'-thiodianiline | - | 139-65-1 | | | |
| | o-toluidine | - | 95-53-4 | | | |
| 4-methyl-m-phenylenediamine | - | 95-80-7 | | | | |
| 2,4,5-trimethylaniline ¹ | - | 137-17-7 | | | | |
| o-anisidine | - | 90-04-0 | | | | |
| 4-aminoazobenzene | - | 60-09-3 | | | | |
| 2,6-xylidine | - | 87-62-7 | | | | |
| 2,4-xylidine | - | 95-68-1 | | | | |
| Bisphenols | 4,4'-isopropylidenediphenol (bisphenol A) | BPA | 80-05-7 | 1'000 mg/kg | REACH SVHC | Internal method inspired by ISO 11936 |
| | 4,4'-sulphonyldiphenol (bisphenol S) | BPS | 80-09-1 | 1'000 mg/kg | | |
| | 2,2'-methylene-diphenol (bisphenol F) | BPF | 2467-02-9 | for information | AQC | |
| Chlorine compounds | Alkanes, C10-13, chloro | SCCP | 85535-84-8 | 1'000 mg/kg | REACH SVHC | Internal method inspired by ISO 18219 |
| | Alkanes, C14-17, chloro | MCCP | 85535-85-9 | 1'000 mg/kg | REACH SVHC | |
| Diester | Ethylene dimethacrylate | EGDMA | 97-90-5 | not detected | AQC | Internal method |
| Epoxides | Triglycidyl isocyanurate | TGIC | 2451-62-9 | 1'000 mg/kg | REACH SVHC | Internal method |
| | Triglycidyl isocyanurate (beta) | β-TGIC | 59653-74-6 | 1'000 mg/kg | | |
| Flame retardants | Polybromobiphenyls | PBB | 59536-65-1 | not detected | REACH XVII entry 8 (AQC) | EPA 8270C If not available ISO 17881 adapted |
| | Diphenyl ether, octabromo derivative | OctaBDE | 32536-52-0 | 1'000 mg/kg | REACH XVII entry 45 | |
| | Diphenyl ether, pentabromo derivative | PentaBDE | 32534-81-9 | 10 mg/kg | EU POP | |
| | Diphenyl ether, decabromo derivative | DecaBDE | 1163-19-5 | | | |
| | Diphenyl ether, tetrabromo derivative | TetraBDE | 40088-47-9 | | | |
| | Diphenyl ether, heptabromo derivative | HeptaBDE | 68928-80-3 | | | |
| | Diphenyl ether, hexabromo derivative | HexaBDE | 36483-60-0 | | | |
| | Diphenyl ether, nonabromo derivative* | NonaBDE | 63936-56-1 | AQC | | |
| | Tetrabromobisphenol A | TBBPA | 79-94-7 | 1'000 mg/kg each | REACH SVHC | |
| | Bis(2-ethylhexyl) tetrabromophthalate | - | 26040-51-7 | | | |
| | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] | - | 37853-59-1 | | | |
| Hexabromocyclododecane and isomers | HBCDD | Several CAS | not detected | Proposition 65 (AQC) | | |
| Tris(2-chloroethyl) phosphate | TCEP | 115-96-8 | not detected | REACH XIV | | |

* not listed per se but indicated on EU POP website as present in commercial decaBDE mixture.

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| Substance family | Substance Name | Abbr. | CAS Number | AQC limit for information | Strictest Regulation | Test Method |
|----------------------|--|--------------------------|---|----------------------------|----------------------------------|----------------------|
| Metals | Chromium (VI) and its related compounds ² | Cr(VI) | 18540-29-9 | 3 mg/kg of dry matter | REACH XVII entry 47 (AQC) | IEC 62321 |
| | Cadmium | Cd | 7440-43-9 | 100 mg/kg | REACH XVII entry 23 | EN 16711-1 |
| | Lead | Pb | 7439-92-1 | 90 mg/kg | 16CFR1303 | |
| | Arsenic | As | 7440-38-2 | 1 mg/kg | AQC | |
| | Mercury | Hg | 7439-97-6 | 1 mg/kg | JP 112 | |
| | Cobalt | Co | 7440-84-4 | for information | REACH XVII proposal (AQC for Ni) | |
| | Nickel | Ni | 7440-02-0 | 5 mg/kg | | |
| Phenols | Octylphenols - 4-(1,1,3,3-tetramethylbutyl)phenol | OP (PTOP) | - 140-66-9 | 100 mg/kg (sum OP+OPEO) | REACH SVHC OChim (AQC) | ISO 18857 adapted |
| | Octylphenol ethoxylates - 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated | OPEO - | - 9002-93-1 2497-59-8 2315-67-5 2315-61-9 | | REACH XIV (AQC) | |
| | Nonylphenols - 4-Nonylphenol, branched and linear - Isononylphenol | NP 4-NP - | 25154-52-3 several CAS 11066-49-2 | 100 mg/kg (sum NP+NPEO) | REACH SVHC Ochim (AQC) | |
| | Nonylphenol Ethoxylates - 4-Nonylphenol, branched and linear, ethoxylated Incl. isononylphenol ethoxylated | NPEO (4-NPEO) - | - several CAS 37205-87-2 | | REACH XIV (AQC) | |
| | p-(1,1-dimethylpropyl)phenol | PTPP PTAP | 80-46-6 | 1'000 mg/kg | REACH SVHC | |
| | 4-heptylphenol, branched and linear | 4-HP | 1987-50-4 72624-02-3 | | | |
| | para-tert-butylphenol | PTBP | 98-54-4 | 25 mg/kg | REACH SVHC (AQC) | |
| | Resorcinol | - | 108-46-3 | 1000 mg/kg | AGEC SVHC | |
| Phthalates | Diisobutyl phthalate | DIBP | 84-69-5 | 1000 mg/kg (sum) | REACH XVII entry 51 | ISO 14389 adaped |
| | Dibutyl phthalate | DBP | 84-74-2 | | | |
| | Benzyl butyl phthalate | BBP | 85-68-7 | | | |
| | Bis(2-ethylhexyl) phthalate | DEHP | 117-81-7 | | | |
| | Bis(2-methoxyethyl) phthalate | DMEP | 117-82-8 | 1000 mg/kg (each) | REACH SVHC | |
| | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | DHNUP (L&R) | 68515-42-4 | | | |
| | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters. C7-rich | - | 71888-89-6 | | | |
| | Di-isopentyl phthalate | DIPP | 605-50-5 | | | |
| | Di-n-pentyl phthalate | DnPP | 131-18-0 | | | |
| | N-pentyl-isopentylphthalate | nPIPP | 776297-69-9 | | | |
| | 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear | DNiPP (L&R) | 84777-06-0 | | | |
| | Di-n-hexyl phthalate | DnHP | 84-75-3 | | | |
| | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | DIHxP (L&R) | 68515-50-4 | | | |
| | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters | - | 68648-93-1 68515-51-5 | | | |
| | Dicyclohexyl phthalate | DHCP | 84-61-7 | | | |
| | Diisohexyl phthalate | DIHP | 71850-09-4 | | | |
| | Di-n-octyl phthalate | DNOP | 117-84-0 | | | |
| | Diisononyl' phthalate | DINP | 28553-12-0 68515-48-0 | | | |
| Diisodecyl phthalate | DIDP | 26761-40-0 68515-49-1 | | | | |
| Diisooctyl phthalate | DIOP | 27554-26-3 | AGEC SVHC | | | |

RESTRICTED SUBSTANCES LIST FOR GLUES

| Substance family | Substance Name | Abbr. | CAS Number | AQC limit | Strictest Regulation | Testing Method | |
|---|---|------------|-----------------------------|--------------------|--|--|-----------|
| Polycyclic Aromatic Hydrocarbons (PAHs) | Benzo(a)pyrene | BaP | 50-32-8 | 1 mg/kg (each) | REACH XVII entry 50 ORRChim | AfPS-GS-2019-01-PAK | |
| | Benzo(a)anthracene | BaA | 56-55-3 | | | | |
| | Benzo(b)fluoranthene | BbF | 205-99-2 | | | | |
| | Benzo(e)pyrene | BeP | 192-97-2 | | | | |
| | Benzo(j)fluoranthene | BjF | 205-82-3 | | | | |
| | Benzo(k)fluoranthene | BkF | 207-08-9 | | | | |
| | Chrysene | CHR | 218-01-9 | | | | |
| | Dibenzo(a,h)anthracene | DBA | 53-70-3 | 1'000 mg/kg | REACH SVHC | | |
| Anthracene | - | 120-12-7 | | | | | |
| OTHER SVHCs (various) | Terphenyl, hydrogenated | - | - | 1'000 mg/kg (each) | REACH SVHC | Internal method | |
| | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | - | 119313-12-1 | | | | |
| | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | - | 71868-10-5 | | | | |
| | 1-vinylimidazole | - | 1072-63-5 | | | | |
| | 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol | - | 119-47-1 | | | | |
| | Barium diboron tetraoxide | - | 13701-59-2 | | | | |
| | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | - | 75980-60-8 | | | | |
| | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol | UV-329 | 3147-75-9 | | | | |
| | Bumetrizole | UV-326 | 3896-11-5 | | | | |
| Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol also called Phenol, methylstyrenated | - | 68512-30-1 | | | | | |
| Silicones | Octamethylcyclotetrasiloxane | D4 | 556-67-2 | 1'000 mg/kg (each) | REACH SVHC OChim | Internal method | |
| | Decamethylcyclopentasiloxane | D5 | 541-02-6 | | | | |
| | Dodecamethylcyclohexasiloxane | D6 | 540-97-6 | | | | |
| organo(Stannic) compounds | Tributyltin and related compounds Incl. TBT metacrylate | TBT | several CAS incl. 2155-70-6 | 1000 mg/kg (each) | REACH XVII entry 20 & REACH SVHC ORRChim REACH XVII entry 21 | ISO 16179 adapted | |
| | Triphenyltin and related compounds Incl. TPT hydroxide | TPT | several CAS incl. 76-87-9 | | | | |
| | All other tri-substituted tin compounds | - | Several CAS | | | | |
| | Dibutyltin and related compounds | DBT | several CAS incl. 683-18-1 | | | | |
| | Diocetyl tin and related compounds | DOT | several CAS | | | | |
| | di-μ-oxo-di-n-butylstanniohydroxyborane | DBB | 75113-37-0 | | | | |
| Volatile Organic Compounds (VOCs) | Hexachlorobuta-1,3-diene | - | 87-68-3 | not detected | EU POP | EPA 5021A EPA 8260C or internal Headspace GC-MS | |
| | 1,1,1-Trichloroethane | - | 71-55-6 | not detected | ORRChim | | |
| | 1,1,2-Trichloroethane | - | 79-00-5 | not detected | | | |
| | Trichloroethylene | - | 79-01-6 | not detected | | | REACH XIV |
| | N,N-dimethylformamide | DMFo | 68-12-2 | 1000 mg/kg | REACH SVHC Ochim | | |
| | Formamide | - | 75-12-7 | 1000 mg/kg | | | |
| | N,N-Dimethylacetamide | DMAC | 127-19-5 | 1000 mg/kg | | | |
| | 2-ethoxyethanol | EGEE | 110-80-5 | 1000 mg/kg | | | |
| | 2-(2-butoxyethoxy)ethanol | DEGBE | 112-34-5 | for information | REACH XVII entries 55 & 54 ORRChim (AQC) | | |
| | 2-(2-methoxyethoxy)ethanol | DEGME | 111-77-3 | | | | |
| | n-hexane | - | 110-54-3 | | BTEX | | Prop65 |
| | Tetrachloroethylene | - | 127-18-4 | | | | |
| | Benzene | - | 71-43-2 | | | | |
| | Toluene | - | 108-88-3 | | | | |
| | Ethylbenzene | - | 100-41-4 | | | | AQC |
| | Meta-Xylene | - | 108-38-3 | | | | |
| | Ortho-Xylene | - | 95-47-6 | | | | |
| Para-Xylene | - | 106-42-3 | | | | | |

RESTRICTED SUBSTANCES LIST FOR GLUES

COMPLEMENTARY TESTING ON FINISH BRACELET GLUED WITH PU BASED ADHESIVE/GLUE

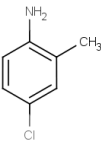
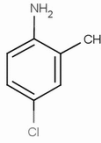
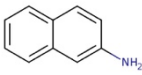
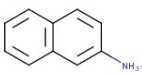
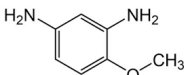
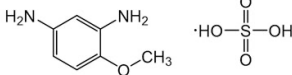
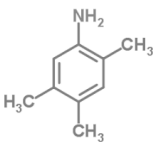
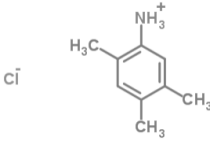
| Substance family | Substance Name | Abbr. | CAS Number | AQC limit in BRACELET | Regulation | AQC required Method |
|------------------|--|-------|-------------|-----------------------|------------|--------------------------|
| diisocyanates | Triphenylmethane-4, 4', 4''- triisocyanate | - | 24225-91-5 | 1 mg/kg | AQC | EN 13130-8:2004 (UL-ICQ) |
| | Diisocyanate d'hexaméthylène | - | 822-06-0 | 1 mg/kg | | |
| | Polyisocyanate | - | 28182-81-2 | 1 mg/kg | | |
| | 4-Toluensulfonylisocyanate | - | 4083-64-1 | 1 mg/kg | | |
| | Diisocyanate-toluol | - | 26471-62-5 | 1 mg/kg | | |
| | Hydrophiles, aliphatiques Polyisocyanate | - | 160994-68-3 | 1 mg/kg | | |
| | 2,6-toluene diisocyanate | - | 91-08-7 | 1 mg/kg | | |
| | Diphenylmethane-4-4' diisocyanate | - | 101-68-8 | 1 mg/kg | | |
| | 2,4-toluene diisocyanate | - | 584-84-9 | 1 mg/kg | | |
| | Cyclohexyl isocyanate | - | 3173-53-3 | 1 mg/kg | | |
| | 1,5-naphtalene diisocyanate | - | 3173-72-6 | 1 mg/kg | | |
| | Phenyl isocyanate | - | 103-71-9 | 1 mg/kg | | |
| | 2,4 toluene diisocyanate dimer | - | 26747-90-0 | 1 mg/kg | | |

COMPLEMENTARY TESTING ON FINISH BRACELET GLUED WITH NEOPRENE ADHESIVE/GLUE

| Substance family | Substance Name | Abbr. | CAS Number | AQC limit in BRACELET | Regulation | AQC required Method |
|-----------------------|-------------------------------------|-----------|-------------------------|-----------------------|------------------|---|
| Pine tree resin acids | Colophony: abietic acid | - | 514-10-3 | for information | AQC | Solvent extraction GC-MS (presence/absence) |
| | Colophony: dehydroabietic acid | - | 19407-37-5 | | | |
| | Colophony: isopimaric acid | - | 5835-26-7 | | | |
| | Colophony: neoabietic acid | - | 471-77-2 | | | |
| | Colophony: palustric acid | - | 1945-53-5 | | | |
| phenols | para-tert-butylphenol | PTBP | 98-54-4 | 20 mg/kg | REACH SVHC (AQC) | Solvent extraction GC-MS |
| | p-(1,1-dimethylpropyl)phenol | PTPP PTAP | 80-46-6 | 1000 mg/kg | REACH SVHC | |
| | 4-heptylphenol, branched and linear | 4-HP | 1987-50-4 72624-02-3 | 1000 mg/kg | | |

RESTRICTED SUBSTANCES LIST FOR GLUES

¹ Analytical equivalence between aromatic amines listed in entry 43 and entry 72 of REACH Annex XVII

| Entry 43 | | | Entry 72 | | |
|------------------------------|------------|--|--|------------|--|
| Substance name | CAS number | Formula | Substance name | CAS number | Formula |
| 4-chloro-o-toluidine | 95-69-2 |  | 4-chloro-o-toluidinium chloride | 3165-93-3 |  |
| 2-naphthylamine | 91-59-8 |  | 2-naphthylammoniumacetate | 553-00-4 |  |
| 4-methoxy-m-phenylenediamine | 615-05-4 |  | 4-methoxy-m-phenylenediammonium sulphate | 39146-41-7 |  |
| 2,4,5-trimethylaniline | 137-17-7 |  | 2,4,5-trimethylaniline hydrochloride | 21436-97-5 |  |

² Chromium (VI) related substances stands for the following substances:

- Sodium chromate (CAS 7775-11-3)
- Sodium dichromate (CAS 7789-12-0, CAS 10588-01-9)
- Potassium chromate (CAS 7789-00-6)
- Potassium dichromate (CAS 7778-50-9)
- Ammonium dichromate (CAS 7789-09-5)
- Chromium trioxide (CAS 1333-82-0)
- Chromic acid (CAS 7738-94-5)
- Oligomers of chromic acid and dichromic acid and strontium chromate (CAS 7789-06-2)
- Potassium hydroxyoctaoxidizincatedichromate (1-) (CAS 11103-86-9)
- Pentazinc chromate octahydroxide (CAS 49663-84-5)
- Dichromium tris(chromate) (CAS 24613-89-6)









LIS004_08 AQC RSL for glues

Final Audit Report

2024-06-28

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