

# Materials in Galaxy smart watches which come into contact with skin

Only materials that observe the standards of the **U.S Consumer Product Safety Commission** (CPSC), the regulations of the European countries, and other international standards are used to make the watch.

The Galaxy smart watches do not contain internationally restricted materials or any harmful materials that directly come into contact with the skin. We also verified compliance with international environmental regulations through authorized international test institutions for certain materials, such as the fiber, leather, plastic, and metal, which have a high possibility of contacting the skin.

When using materials not explicitly covered by international standards, we conduct our own internal wearing tests, noxious material tests, and skin toxicity tests for all materials that come into contact with skin in cooperation with domestic and external certificate authorities.

## Plasticizer

- Phthalates

## Surfactant

- Alkylphenols (OP/NP), Alkylphenol ethoxylates (OPEO/NPEO)

## Flame retardant

- Chlorine, Bromine
- Hexabromocyclododecane (HBCDD),
- Polybrominated biphenyls (PBBs),
- Polybrominated diphenyl ethers (PBDEs),
- Tris(2-chloroethyl) phosphate (TCEP),
- Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)

## Poly nuclear aromatic

- Polynuclear aromatic hydrocarbons (PAHs)

## Preservative

- 2-Phenylphenol (OPP), 4-Chloro-3-methylphenol (CMC/CMK),
- 2-octylisothiazol-3(2H)-on (OIT),
- 2-(Thiocyanomethylthio) benzothiazol (TCMTB)

## Fluorine substitution

- Pentadecafluorooctanoic acid (PFOA),
- Perfluorooctane Sulfonates (PFOS)

## Chlorine compounds

- Short-chain chlorinated paraffins (SCCPs)

#### Colorants

- Azo colorants, Allergenic & Carcinogenic dyestuffs

#### Organic tin compounds

- Dibutyltin (DBT), Dioctyltin (DOT), Tributyltin (TBT), Triphenyltin (TPT)

#### Metals and metalloids

- Antimony, Arsenic, Asbestos, Cadmium, Cobalt, Copper, Hexavalent chromium, Lead, Mercury, Nickel

#### Phenols

- Bisphenol A, Phenol, Pentachlorophenol(PCPs),
- Tetrachlorophenol (TeCP), Trichlorophenol (TriCP)

#### Other compounds

- Formaldehydes, Dimethylfumarate (DMFu)

## Guidance for users sensitive to certain materials

Refer to the following information about the materials that the Galaxy smart watch includes if your skin is hypersensitive or if you have a known allergy to any listed materials. Remove your Galaxy smart watch from your wrist and consult a dermatologist if the skin where you wear the Galaxy smart watch reddens or feels irritated.

### Nickel

The Galaxy Watch/Fit's main body and band buckles include stainless steel. Stainless steel is a non-corrosive metal alloy that typically consists of steel (Fe), nickel (Ni), and Chrome (Cr). Although it is widely used for everyday products, some people have an allergy to some of the materials included in it, such as nickel.

Samsung Electronics manages this by making the products with a smaller amount of nickel, which is below the point limited by the Europe REACH regulation. Also, we have found that users are barely exposed to any nickel based on analysis from a third party institution. While it is unlikely that an issue related to nickel will occur, if you are allergic to nickel, be careful to prevent skin problems.

### Acrylate

The Galaxy Watch/Fit's main body and band include acrylate.

Acrylate (Methacrylic acid) is commonly included in consumer goods that are attached to the skin, such as plaster gauze. If you are sensitive to this material, be careful to avoid causing a hypersensitive skin reaction when using your Galaxy Watch or Fit for a long period; again, consult your dermatologist if irritation occurs.