

Dichiarazione della composizione chimica dei rivestimenti Niplate

Micron srl dichiara che i rivestimenti Niplate effettuati sono rivestimenti di nichel chimico con composizione chimica di seguito descritta:

Niplate 600 Nichel chimico a medio contenuto di fosforo

Ni: 91% - 95%, P: 5% - 9%

Niplate 500 Nichel chimico ad alto contenuto di fosforo

Ni: 87% - 90%, P: 10% - 13%

Niplate eXtreme Nichel chimico ad alto contenuto di fosforo

Ni: 87% - 92%, P: 8% - 13%

Niplate 500 PTFE Rivestimento composito di nichel chimico ad alto contenuto di fosforo e PTFE

Matrice: Ni: 87% - 90%, P: 10% - 13%

Particelle: PTFE, 300nm (diam. medio), 25-35% vol.

Niplate 600 SiC Rivestimento composito di nichel chimico a medio contenuto di fosforo e SiC

Matrice: Ni: 91% - 95%, P: 5% - 9%

Particelle: SiC, 25-30% vol.

Dichiarazione di conformità ISO 4527:2003

Micron srl dichiara che i rivestimenti Niplate 500 e Niplate 600 sono conformi alla norma ISO 4527:2003 Autocatalytic (electroless) nickel-phosphorus alloy coatings - Specification and test methods.

Dichiarazione di conformità ASTM B733-22

Micron srl dichiara che i rivestimenti Niplate 500 e Niplate 600 sono conformi alla norma ASTM B733-22 Standard Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal.

Dichiarazione di conformità REACH (Reg. 1907/2006/CE)

Micron srl dichiara che i rivestimenti Niplate non contengono sostanze SVHC in quantità superiori a 0,1% in peso (aggiornamento lista SVHC 21/01/2025).

I rivestimenti Niplate, essendo composti da una lega di nichel, rientrano nella restrizione alla voce 27 dell'allegato XVII del regolamento REACH che regola l'utilizzo del nichel in articoli destinato a contatto diretto e prolungato con la pelle.

Dichiarazione di conformità RoHS (Dir. 2011/65/EU)

Micron srl dichiara che i rivestimenti Niplate rispettano la direttiva RoHS (2011/65/EU come modificata da 2015/863/EU) in quanto non contengono sostanze soggette a restrizione al di sopra della soglia.

Dichiarazione di conformità POP (Reg. 2019/1021/EU)

Micron srl dichiara che i rivestimenti Niplate rispettano quanto disposto dal Regolamento POP (Reg. 2019/1021/UE e successive modifiche e integrazioni), garantendo l'assenza di sostanze classificate come inquinanti organici persistenti (POP) elencate nell'Allegato I, aggiornato al 31/10/2024.

California Proposition 65

Micron srl dichiara che i rivestimenti Niplate sono composti da una lega di nichel e che nella lista di sostanze previste dalla Proposition 65 compare il nichel metallo. I rivestimenti Niplate ricadono nella Proposition 65.

Dichiarazione di conformità EURATOM (Dir. 2013/59/Euratom)

Micron srl dichiara che i rivestimenti Niplate non contengono sostanze radioattive intenzionalmente aggiunte.

TSCA Section 6(h)

Micron srl dichiara che i rivestimenti Niplate non contengono le sostanze regolate dalla Section 6(h) del regolamento TSCA.

Dichiarazione PFAS - TSCA Section 8(a)(7) *

La definizione di PFAS*, indicata a pie di pagina, comprende le sostanze per e poli fluoro alchiliche, inclusi i polimeri fluorurati come il PTFE.

Micron srl dichiara che **non sono** utilizzate sostanze PFAS nel processo di produzione dei rivestimenti Niplate sotto elencati e che i rivestimenti stessi **non contengono** sostanze PFAS: Niplate 600; Niplate 500; Niplate eXtreme; Niplate 600 SiC.

Micron srl dichiara che **sono** utilizzate sostanze PFAS nel processo di produzione dei rivestimenti Niplate sotto elencati e che i rivestimenti stessi **contengono** sostanze PFAS: Niplate 500 PTFE, contenuto di PTFE dal 3 al 6 %.

Dichiarazione di conformità ELV (Dir. 2000/53/CE)

Micron srl dichiara che i rivestimenti Niplate rispettano la direttiva ELV (2000/53/CE e s.m.i.) in quanto non contengono sostanze soggette a restrizione di cui all'articolo 4, paragrafo 2, lettera a), al di sopra delle soglie indicate all'Allegato II.

Soncino, 30/01/2025
Legale Rappresentante
Aldo Bordiga



* Definizione PFAS / PFAS Definition (Europe)

Per- and polyfluoroalkyl substances (PFASs) defined as: Any substance that contains at least one fully fluorinated methyl (CF₃-) or methylene (-CF₂-) carbon atom (without any H/Cl/Br/I attached to it). A substance that only contains the following structural elements is excluded from the scope of the proposed restriction: CF₃-X or X-CF₂-X', where X = -OR or -NRR' and X' = methyl (-CH₃), methylene (-CH₂-), an aromatic group, a carbonyl group (-C(O)-), -OR'', -SR'' or -NR''R''', and where R/R'/R''/R''' is a hydrogen (-H), methyl (-CH₃), methylene (-CH₂-), an aromatic group or a carbonyl group (-C(O)-).

* Definizione PFAS / PFAS Definition (TSCA)

A chemical substance that contains at least one of the following three structures: R-(CF₂)-CF(R')R'', where both the CF₂ and CF moieties are saturated carbons; R-CF₂OCF₂-R', where R and R' can either be F, O, or saturated carbons; CF₃C(CF₃)R'R'', where R' and R'' can either be F or saturated carbons.

Declaration of the chemical composition of Niplate coatings

Micron srl hereby declares that Niplate surface treatments are electroless nickel coatings with the following chemical composition:

Niplate 600	Medium phosphorus electroless nickel plating Ni: 91% - 95%, P: 5% - 9%
Niplate 500	High phosphorus electroless nickel plating Ni: 87% - 90%, P: 10% - 13%
Niplate eXtreme	High phosphorus electroless nickel plating Ni: 87% - 92%, P: 8% - 13%
Niplate 500 PTFE	High phosphorus electroless nickel / PTFE composite coating Matrix: Ni: 87% - 90%, P: 10% - 13% Particles: PTFE, 300nm (mean diam.), 25-35% vol.
Niplate 600 SiC	Medium phosphorus electroless nickel / SiC composite coating Matrix: Ni: 91% - 95%, P: 5% - 9% Particles: SiC, 25-30% vol.

Declaration of compliance ISO 4527:2003

Micron srl hereby declares that Niplate 500 and Niplate 600 coatings comply with ISO 4527:2003 Autocatalytic (electroless) nickel-phosphorus alloy coatings - Specification and test methods.

Declaration of compliance ASTM B733-22

Micron srl hereby declares that Niplate 500 and Niplate 600 coatings comply with ASTM B733-22 Standard Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal.

Declaration of compliance REACH (Reg. 1907/2006/CE)

Micron srl hereby declares that Niplate coatings do not contain more than 0.1% by weight of SVHC. (SVHC list update 21/01/2024).

Niplate coatings, being composed of a nickel alloy, fall under the restriction in Entry 27 of Annex XVII of the REACH Regulation, which regulates the use of nickel in articles intended to come into direct and prolonged contact with the skin.

Declaration of compliance RoHS (Dir. 2011/65/EU)

Micron srl hereby declares that Niplate coatings comply with the RoHS directive (2011/65/EU as amended by 2015/863/EU) since do not contain restricted substances above the threshold limit.

Declaration of compliance POP (Reg. 2019/1021/EU)

Micron srl hereby declares that Niplate coatings comply with the provisions of the POP Regulation (Reg. 2019/1021/EU as amended), ensuring the absence of substances classified as persistent organic pollutants (POP) listed in Annex I, updated as of 31/10/2024.

California Proposition 65

Micron srl hereby declares that Niplate coatings are composed by a nickel alloy and that nickel metal is present in the Proposition 65 list of substances. Niplate coatings fall within the scope of Proposition 65.

TSCA Section 6(h)

Micron srl declares that Niplate coatings do not contain substances regulated by Section 6(h) of the TSCA regulation.

Declaration of compliance EURATOM (Dir. 2013/59/Euratom)

Micron srl declares that Niplate coatings do not contain intentionally added radioactive substances.

PFAS* Declaration - TSCA Section 8(a)(7) *

The definition of PFAS*, given at the foot of the page, includes per- and poly fluoroalkyl substances, including fluorinated polymers come il PTFE.

Micron srl declares that PFAS substances are **not used** in the production process of Niplate coatings listed below and that coatings themselves **do not contain** PFAS substances: Niplate 600; Niplate 500; Niplate eXtreme; Niplate 600 SiC.

Micron srl declares that PFAS substances **are used** in the production process of Niplate coatings listed below and that coatings themselves **contain** PFAS substances: Niplate 500 PTFE, PTFE content from 3 to 6 %.

Declaration of compliance ELV (Dir. 2000/53/CE)

Micron srl hereby declares that Niplate coatings comply with the ELV directive (2000/53/CE as amended) since do not contain restricted substances according to art.4, paragraph 2, letter a), above the threshold limits stated in Annex II.

Soncino, 30/01/2025
Legal Representative
Aldo Bordiga



* Definizione PFAS / PFAS Definition (Europe)

Per- and polyfluoroalkyl substances (PFASs) defined as: Any substance that contains at least one fully fluorinated methyl (CF₃-) or methylene (-CF₂-) carbon atom (without any H/Cl/Br/I attached to it). A substance that only contains the following structural elements is excluded from the scope of the proposed restriction: CF₃-X or X-CF₂-X', where X = -OR or -NRR' and X' = methyl (-CH₃), methylene (-CH₂-), an aromatic group, a carbonyl group (-C(O)-), -OR'', -SR'' or -NR''R''', and where R/R'/R''/R''' is a hydrogen (-H), methyl (-CH₃), methylene (-CH₂-), an aromatic group or a carbonyl group (-C(O)-).

* Definizione PFAS / PFAS Definition (TSCA)

A chemical substance that contains at least one of the following three structures: R-(CF₂)-CF(R')R'', where both the CF₂ and CF moieties are saturated carbons; R-CF₂OCF₂-R', where R and R' can either be F, O, or saturated carbons; CF₃C(CF₃)R'R'', where R' and R'' can either be F or saturated carbons.