

Chamberlain Plastics International Limited

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PRODUCT DATA SHEET

Product:

Heavy Metals/Hazardous Substances in METALON

To the best of our knowledge and according to supplier data no heavy metals, including Ni, or hazardous substances are contained in Metalon. Typical analysis of Metalon films and laminates:

Heavy Metal Extraction Concentration (mg/m³):

As	<1
Ba	<5
Cd	<1
Cr as Cr ⁶⁺	<1
Hg	<1
Pb	<1
Sb	<5
Se	<10

Laminates described as Chromium Polish FNM/R800 and Chromium Polish Weatherable FNM/R800 contain Chromium metal within the structure as the metallising layer, and is present in a nominal concentration of $3 - 5 \times 10^{-2} \text{ g/m}^2$. All other laminates use Aluminium as the metallising in a nominal concentration of $4 - 7 \times 10^{-2} \text{ g/m}^2$.

Laminates made from flexible PVC, coded FNM, FNM4 and FNM5 contain DINP plasticiser (Di-isononyl Phthalate), and laminates made from rigid PVC, coded R800, including 1.0mm Mirrors are plasticiser free. The Vinyl Chloride Monomer content of PVC films is less than 1ppm.

Metalon is also free from:

Benzylbutylphthalate
Dibutylphthalate
Diethylhexylphthalate
Dimethylfumarate
Di-isodecyl Phthalate
Di-octyl Phthalate
Octabromodiphenyl ether
Polynuclear and Polycyclic Aromatic Hydrocarbons
Polybrominated Biphenyls
Polybrominated Diphenylethers
Pentabromodiphenyl ether

Based supplier data Metalon film and laminates components conform to EN71, part 3.

Metalon film and laminates do not contain hazardous components as listed in:

OSPAR Commission Priority Action List

ROHS Directive 2002/95/EC

ACPEIP (China ROHS)

VDA 232-101 (GADSL)

Users of METALON film and laminates are recommended to consult Chamberlain Plastics International Limited Health and Safety literature.

Information contained in this publication is to the best of our knowledge accurate at the time of issue and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge and control. We assume the user assesses the suitability of the product for their particular application. The data relates only to the specified product and does not relate to use in combination with any other material or in any process.