[Claim 1]

A photomask blank substrate storage container for housing, transporting or storing one or more photomask blank substrates having a chemical-amplification-type photoresist already applied thereto,

wherein at least one of its component parts is formed of a thermoplastic resin having an amount of caprolactam of 0.01 ppm or less per resin weight on an n-decane basis in outgas, as measured by a dynamic head space method under the condition of being held at 40°C for 60 minutes, and the surface resistance value of the component part formed of the thermoplastic resin is 1.0E + 13 Ω or less.

[Claim 2]

The photomask blank substrate storage container of claim 1, wherein a carbon filler is added to the thermoplastic resin.

[Claim 3]

The photomask blank substrate storage container of claim 1, wherein the thermoplastic resin is a durable antistatic resin.

[Claim 4]

The photomask blank substrate storage container of any one of claims 1 to 3, comprising an upper lid forming a space for storing the photomask blank substrate and a lower box engaged with the upper lid, wherein at least

the upper lid and the lower box are formed of the thermoplastic resin.

[Claim 5]

A method for storing one or more photomask blank substrates having a chemical-amplification-type photoresist already applied thereto,

wherein at least one of the component parts of the photomask blank substrates storage container is formed of a thermoplastic resin having an amount of caprolactam of 0.01 ppm or less per resin weight on an n-decane basis in outgas, as measured by a dynamic head space method under the condition of being held at 40°C for 60 minutes, and the surface resistance value of the component part formed of the thermoplastic resin is 1.0E + 13 Ω or less.

[Claim 6]

A method for producing a photomask blank substrate storage container for housing, transporting or storing one or more photomask blank substrates having a chemical-amplification-type photoresist already applied thereto,

wherein the photomask blank substrate storage container is produced by using the component parts formed of a thermoplastic resin having an amount of caprolactam of 0.01 ppm or less per resin weight on an n-decane basis in outgas, as measured by a dynamic head space method under the condition of being held at 40°C for 60 minutes, and the surface resistance value of the component part formed of the thermoplastic resin is 1.0E + 13 Ω or less.