

### rhodium resinate powder

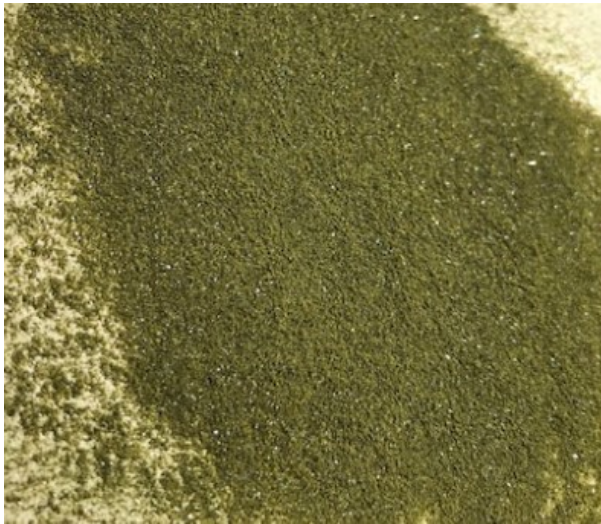
RP RH MR 4504-P H for mixing

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Heraeus Precious Coatings is a global manufacturer of precious metal decoration products for ceramics and glass. Heraeus profits from over 100 years experience in ceramic and glass decoration designs, which has always made the department a pioneer in the development of precious metal colours. Modern precious metal preparations have to meet high demands on different types of substrates – such as on porcelain, tiles, drinking glasses, flacons and bottles. Decorations have to achieve good mechanical and chemical resistance such as dishwasher durability. The products supplied by Heraeus Precious Coatings include: Bright gold and platinum products, silk-matt gold and platinum products, burnish gold and platinum products, lusters and metallo-organic preparations for technical use.

#### 1 General information

RP RH MR 4504-P H is a rhodium resinate powder containing rhodium in form of an organometallic compound.



Directly to the product: [Click](#)



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#### 2 Properties of the product

The major characteristics of a Heraeus precious metal preparation are determined by its production recipe. From each lot produced, we take a sample and check defined characteristics.

Form:

Green powder

Rhodium content:

24,0% ± 1,5%

Chemical characterization:

Rhodium carboxylate

Calicinated residue: 29,5% ± 2,0% (calculated)

#### 2.1 Processing

Soluble in most common organic solvents. The material can be thinned with cyclohexanone.

#### 2.2 Storage

12 months from date of shipment. The material should be stored in a dry, cool (5 – 20°C) and dark environment with the container tightly shut.

#### 3 Compliance to regulation

The properties of the product are determined following standardized laboratory test procedures. For optimal results the material should be fired in a profiled furnace supplied with dried, hydrocarbon and other contaminant free air.

##### 3.1 REACH (SVHC)

The material is REACH (SVHC) compliant according to the latest \*\* Annex XIV to Regulation (EC) of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

##### 3.2 RoHS

The material is RoHS compliant according to the latest \*\* Directives (European Union) of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions related to Pb)

#### Contact

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The statements concerning our products correspond to our current knowledge and experience. It is the obligation of the purchaser to examine the usefulness of the products in its intended use in each individual case. In order to prevent production losses the user has to test the preparations in connection with every other material being involved in the production process and has to be satisfied that the intended result can be consistently produced.