

FINOLLOY CoCr Solder 42009 / 42009P

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1. Identification of the substance or preparation**Substance group relevant properties:**

Metalle

Use of the substance / preparation:

Welding and soldering agent, flow modifier
Universal solder sticks for CoCr partial denture alloys and CoCr porcelain-bonding alloys. Optimum adjustment to all FINOLLOY partial denture alloys.

Recommended restrictions of use:

No specific information.

2. Hazard pictograms**Classification / labelling:**

Void If handled according to specifications and if occupational-hygienic directives are observed a health hazard is unlikely.

Dusts, vapours and fumes that form during processing must not be inhaled.

Take care of sufficient extraction of dusts, vapours and fumes during processing.

May produce an allergic reaction.

3. Composition/information on ingredients:**chemical characterization (preparation):**

Co 61,0; Cr 28,5; Si 4,0; Mo 3,5; Fe 1,5; C, B <1,0.

Ingredient (name):

- > 10 %
 - 7440-48-4 cobalt
 - 7440-47-3 Chromium
- 1 - 10 %
 - 7440-21-3 Silicon
 - 7439-98-7 Molybdenum
 - 7439-89-6 Iron; IRON POWDER
- 0,1 - 1 %
 - 7440-42-8 Boron
 - 7440-40-0 Carbon

Additional information:

The information is not applicable to the alloy but only to the vapours, fumes and dusts that might form during processing.

4. Appearance

State of matter: solid
Paint: silver
Odour: odourless
Type of packing: 4,50 g

Physical and chemical properties

| Designation: | Values: | dimensions: |
|-------------------------|----------------|--------------------|
| Melting interval: | 1100-1150 | °C |
| Processing temperature: | 1180 | °C |

FINOLLOY CoCr Solder 42009 / 42009P**5. Exposure controls****Occupational exposure controls:**

None

Environmental exposure controls:

Do not empty into drains or the aquatic environment.

Gather dusts, which develop during operation, with dust extraction systems and dispose of as hazardous waste according to the respective regulations.

Toxicological information :

Based on our experiences and information the product does not cause harmful health effects if handled according to specifications and used according to indications.

6. Supplemental label elements for certain substances or mixtures**Ordinance on Industrial Safety and Health (BetrSichV).**

Water hazard class:

CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); metals (including their alloys); mixed metals

Remove according to the regulations.
Do not empty into drains.

7. Classification system

The classification is in line with current DIN EN ISO 13912-A (Kobalt-Basis-alloy) by information from technical literature and by information furnished by supplier companies.

Quality assurance:

Meets the requirements of Directive 93/42/EEC annex V.
Manufactured according to the MPG, DIN EN ISO 13485.

8. Additional information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.