

EC Safety Data Sheet

BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co.Wilhelm-Herbst-Strasse 1
D-28359 BremenTelephone: 0421 - 20 28 0
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1. Designation of substance/preparation and company name**Information on the product**Trade name: **Wironit****Information on manufacturer/supplier**

Manufacturer/supplier: BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co.

Street/P.O. box: Wilhelm-Herbst-Strasse 1

Nat./postal code/town: D-28359 Bremen

Telephone: 0421 - 20 28 0

Fax: 0421 - 20 28 100

Dept. providing information: Alloy Development

Emergency telephone: 0421 - 20 28 0

2. Composition / data on components**Chemical characterization (specific substance)**

Co64.0 Cr28.65 Mo5.0 Si1.0 Mn1.0 C0.35

Chemical characterization (preparation)

Cobalt-chrome partial denture alloy

3. Possible risks

not applicable

4. First aid measures**After inhaling** no special measures necessary**After skin contact** no special measures necessary**After contact with eyes** not applicable**After swallowing** not applicable

Wironit

5. Fire-fighting measures

Suitable fire extinguishing agents not applicable

Special hazards due to the substance, its combustion products or resulting gases, further data

none

6. Measures in case of unintentional release

not applicable

7. Handling and storage

no special requirements

8. Exposure limitation and personal safety equipment

Additional points regarding design of technical facilities

Comply with any relevant instructions of the casting equipment manufacturer.

Components with workplace-related limit values that must be monitored

not applicable

Personal safety equipment

General safety and hygienic measures

Do not eat, drink or smoke while working.

Wash hands before breaks and at the end of work.

Ensure adequate suction extraction of generated dust or gases.

Breathing protection extract dust

Hand protection not applicable

Eye protection safety goggles or protective window

Body protection not applicable

9. Physical and chemical properties

External characteristics

Form: solid

Colour: silver-grey

Odour: odourless

Wironit

Safety-related data Melting interval: 1350-1320°C Density: 8.2 g/cm ³ Aqueous solubility: insoluble
10. Stability and reactivity Thermal decomposition: no decomposition Hazardous reactions: reactions with the crucible material possible if the melt is overheated Hazardous decomposition products: none
11. Information on toxicology none
12. Information on ecology none
13. Instructions on disposal Wironit can be disposed of together with household waste while complying with the local official regulations
14. Information on transport not applicable
15. Regulations not applicable
16. Miscellaneous data Data Sheet issued by: Alloy Development Department Contact Dr. R. Strietzel Revised on: 09/04/1998 Replaces:
The data provided here describe our product with respect to any safety requirements in accordance with our current know-how and findings. Guarantees regarding qualities or properties cannot be derived from these data.