

# EU-SAFETY DATA SHEET

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EU-SDB30421B

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## SHERALIT-IMPERIAL

Model casting alloy

### 1. Substance / preparation and company name

**Product name:**

SHERALIT-IMPERIAL

**Supplier:**

SHERA Werkstoff-Technologie

GmbH & Co. KG

Espohlstr. 53

49448 Lemförde

Germany

Tel.: +49 54 43 - 99 33 - 0

Fax: +49 54 43 - 99 33 - 100

### 2. Composition / Details of components

**Chemical properties**

Chrome cobalt molybdenum alloy.

**Hazardous ingredients**

Designation	Cobalt
Danger symbols	Xn
Risk phrases (R-phrases)	R 42/43

### 3. Possible dangers

None, if product is used correctly.

### 4. First aid

No special measures required.

### 5. Fire fighting

**Suitable fire fighting agents**

No restrictions with fires in the surroundings.

### 6. Action in the event of accidental release

**Personnel precautions**

No special measures required.

### 7. Handling and storage

**Tips on safe handling**

Dust formation through grinding. Do not inhale.

### 8. Exposure limits and personal safety equipment

**Constituents with occupational exposure limits that require monitoring**

CAS No.	designation	type	value/unit
7440-48-4	Cobalt dust	TRC	0.5 mg/m <sup>3</sup>

### 9. Physical and chemical properties

**Appearance**

Form: solid

Colour: metallic

Odour: odourless

**Safety details**

Melting point/melting range 1200 - 1575°C

Density at 20°C 8.3 g/cm<sup>3</sup>

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### 10. Stability and reactivity

#### Hazardous products of decomposition

No decomposition if stored and used correctly.

Can give off metallic vapours during melting process.

### 11. Toxicology information

After many years of practical experience there are no known hazardous effects provided appropriate action regarding hygiene is taken when using the product.

### 12. Ecology information

#### Water pollution class

WPC: 0 (self-assessment)

### 13. Disposal instructions

#### Product remains

Must be disposed of in accordance with the regulations of the local authorities.

#### Contaminated packaging

Non-contaminated packaging may be recycled.

### 14. Transport information

Non-hazardous good in sense of general transport regulations.

### 15. Regulations

#### Identification requirement according to Hazardous Substances Regulations / EU Directives

Does not require identification markings.

### 16. Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed nor transferred to other products. Duplication in an unchanged state is permissible.