

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Universal Silver Solder

Revision date: 24.01.2019

Product code: 102-303

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Universal Silver Solder

#### Further trade names

Article No.: 380-604-50, 380-604-60, 380-704-50

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Use of the substance/mixture

Health services.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	DENTAURUM GmbH & Co. KG	
Street:	Turnstr. 31	
Place:	D-75228 Ispringen	
Telephone:	+49 7231 803 0	Telefax: +49 7231 803 295
e-mail:	info@dentaurum.de	
Internet:	www.dentaurum.com	

#### Further Information

Emergency telephone:

07:00 - 16:15 (Mo - Do), 07:00 - 13:15 (Fr) +49 7231 803 213

16:15 - 18:00 (Mo - Do), 13:15 - 18:00 (Fr) +49 7231 803 0

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

No risks worthy of mention.

#### 2.2. Label elements

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Ag 59,0 %, Cu 16,0 %, Zn 24,0 %

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After contact with skin

After contact with molten product, cool skin area rapidly with cold water.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.

### SECTION 6: Accidental release measures

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### 6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls



#### Protective and hygiene measures

Caution! Hot molten mass. Avoid contact with skin.

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	silver grey
Odour:	odourless

#### Changes in the physical state

Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
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### 9.2. Other information

Working Temperature: 700°C  
Solidus: 655°C / Liquidus: 680°C

## SECTION 10: Stability and reactivity

### 10.3. Possibility of hazardous reactions

No risks worthy of mention.

### 10.6. Hazardous decomposition products

none

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Practical experience

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### Other observations

Health hazards: none

## SECTION 12: Ecological information

### Further information

Solubility in water (g/l): The study does not need to be conducted because the substance is known to be insoluble in water.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

For recycling, contact recycling exchanges.

## SECTION 14: Transport information

### Other applicable information

Not a hazardous material with respect to transportation regulations.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulatory information

#### Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 1,3,9.

### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*