

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

### remark

Art. 31 and 2020/878/EU

### 1.1 Product identifier

#### Product category

**Chemical products (excludes biocidal products)**

PC-TEC-24 Welding, soldering, and flux products

**Trade name/designation** Weller Tip Activator / Loetspitzen Aktivator - leadfree Sn97Cu3

**Product-no.:** T0051303199N / T0051303190

#### Other means of identification

SDS-47

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

#### Relevant identified uses

##### Sector of uses [SU]

SU16 Manufacture of computer, electronic and optical products, electrical equipment

##### Product categories [PC]

PC38 Welding and soldering products (with flux coatings or flux cores), flux products  
Activator

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

#### Supplier

Weller Tools GmbH

Carl-Benz-Strasse 2

Germany-74354 Besigheim

Telephone: +49 7143 580-0

Telefax: +49 7143 580-108

E-mail: info@weller-tools.com

Department responsible for information: environmental department

Information telephone: +49 7143 580-101

Information telefax: +49 7143 580-108

### 1.4 Emergency telephone number

GIZ Mainz +49 6131 - 19240 (German, English, French)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

#### remark

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

### 2.3 Other hazards

No data available

## SECTION 3: Composition / information on ingredients

### 3.1/3.2 Substances/Mixtures

#### Description

alloy, Legierung, alliage, aleación, lega

#### Hazardous ingredients

Copper - <2,5 %

CAS 7440-50-8

EC 231-159-6

REACHNo 01-2119480154-42

Aquatic Chronic 2, H411

Quartz - <2,5 %

CAS 14808-60-7

EC 238-878-4

REACHNo <1t/year

#### Additional information

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

none

#### Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### Following skin contact

not relevant

#### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### Following ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>)

Extinguishing powder

Water spray jet

### 5.2 Special hazards arising from the substance or mixture

No data available

### 5.3 Advice for firefighters

No data available

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No data available

### 6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

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

No data available

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

#### Protective measures

#### Advices on safe handling

No special measures are necessary.

#### Measures to prevent aerosol and dust generation

Vapours / aerosols should be extracted by suction directly at point of origin.

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

#### Requirements for storage rooms and vessels

none

#### Hints on joint storage

#### Materials to avoid

Do not store together with:

Food and feedingstuffs

#### Storage class

13

## Further information on storage conditions

Protect against:

Humidity

### 7.3 Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

CAS No.	Substance name	LTV	STV	remark
7440-31-5	Tin compounds, inorganic, except SnH4	2 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	
				Great Britain (UK)
7440-50-8	Copper, fume, respirable dust	0,2 mg/m <sup>3</sup>		
				Great Britain (UK)

LTV = long-term occupational exposure limit value

STV = short-term occupational exposure limit value

source: GESTIS International Limit Values (<http://limitvalue.ifa.dguv.de/>)

Monitoring and observation processes: GESTIS Analytical Methods (<http://amcaw.ifa.dguv.de/>)

#### remark

A: respirable fraction

### 8.2 Exposure controls

#### Appropriate engineering controls

#### Technical measures to prevent exposure

Reduce exposure to fume by keeping operating temperatures as low as possible taking into account occupational exposure limits and safe handling temperatures (see Section 7). Where practicable handle within an enclosed process. Alternatively local exhaust ventilation should be considered.

#### Personal protection equipment

##### Eye/face protection

##### Suitable eye protection:

none

##### Skin protection

##### Suitable material:

NBR (Nitrile rubber)

**Thickness of the glove material** >=0,2 mm

##### Respiratory protection

none

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

##### Physical state

solid

##### Colour

silver

##### Odour

odourless

parameter	Method - source - remark
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
flammability	not determined
Upper explosion limit	not determined
lower explosion limit	not determined
Flash point (°C)	not determined
Auto-ignition temperature	not applicable
Decomposition temperature	not determined

parameter	Method - source - remark
pH	not applicable
Kinematic viscosity	not determined
Water solubility	insoluble
Soluble (g/L) in	not determined
Fat solubility	not determined
Partition coefficient: n-octanol/water	not determined
Vapour pressure	not determined
Density and/or relative density	2,17 g/cm <sup>3</sup> Temperature 20 °C
Relative vapour density	not determined
particle characteristics	not determined

## 9.2 Other information

### Solvent content

**Value** 0 %

**remark**

VOC (EU) 0,00 %

### Water content

**Value** 1 %

### Solid content

**Value** 99 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

Reaction with:

acid, alkalis, oxidizing agents

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### Additional information

This information is not available.

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No information available.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

**remark**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meet the criteria.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Assessment/classification

No data available

### 12.2 Persistence and degradability

#### Assessment/classification

not readily biodegradable (according to OECD criteria)

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Endocrine disrupting properties

#### remark

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### remark

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Recycle according to official regulations. Completely emptied packages can be recycled.

### Directive 2008/98/EC (Waste Framework Directive)

#### Before intended use

**Waste code product** 170409

**hazardous waste** Yes.

#### Waste name

metal waste contaminated with hazardous substances

#### Recovery operations

R4 Recycling/reclamation of metals and metal compounds

#### After intended use

**Waste code packaging** 150101

**hazardous waste** No

#### Waste name

paper and cardboard packaging

**Waste code packaging** 150104

**hazardous waste** No

#### Waste name

metallic packaging

#### After intended use

### Phrase ID -1 Übersetzung (ISO-Code: en) nicht gefunden!!

Waste codes/waste designations according to EWC/AVV

## SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	not applicable	not applicable	not applicable
14.2 Proper Shipping Name	not applicable	not applicable	not applicable
14.3 Class(es)	not applicable	not applicable	not applicable
14.4 Packing group	not applicable	not applicable	not applicable
14.5 Environmental hazards	not applicable	not applicable	not applicable
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

### Additional information

#### All transport carriers

No dangerous good in sense of these transport regulations.

## SECTION 15: Regulatory information

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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions of occupation

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

##### restrictions on use

Use restriction according to REACH annex XVII, no.:

65

##### Other regulations (EU)

#### Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

##### Named dangerous substances

none

### 15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

#### Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

#### Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

#### Relevant R-, H- and EUH-phrases (Number and full text)

H411 Toxic to aquatic life with long lasting effects.

#### Key literature references and sources for data

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.