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 (CO2)
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/m³	4 mg/m³	
				Great Britain (UK)
7440-50-8	Copper, fume, respirable dust	0,2 mg/m³		
				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/cm³	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 meets 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

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.