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

remark
According Art. 31 amendments - No 1272/2008/EC, 453/2010/EC, 830/2015/EC

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
Unique Formula Identifier UFI: not applicable
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

Importer/Only Representative
Apex Tool Group UK Ltd
C/O TMF Group 13th Floor, One Angel Court
United Kingdom-EC2R7HJ London
Telephone: +44 740 8836 404
E-mail: UKCustomer-Service@ApexToolGroup.com

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
* +44 740 8836 404

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 Substances (not applicable)

3.2 Mixtures

Description
alloy, Legierung, alliage, aleación, lega, κράμα *

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.
H411 NA, CLP/A. VI Index No. 029-024-00-X
*

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)
7440-50-8	Copper, dusts and mists	1 mg/m³	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
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

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

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
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).

Indication of changes

* Data changed compared with the previous version

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.