## Easy Solder Coil 500g

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

### 1.1. Product identifier

**Trade name/designation:**

Easy Solder Coil 500g

**Article No.:**
T873500

**UFI:**
MQ6U-H1YM-30N6-0UJN

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

**Use of the substance/mixture:**
Solder

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

**Supplier:**


**KANDO Service GmbH**
Hartleitnerstraße 3
4653 Eberstalzell
Austria
**Telephone:** +43 (0) 7241 213 79
**E-mail:** msds@kando.eu


### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|---|---|
| Respiratory or skin sensitisation *(Skin Sens. 1)* | H317: May cause an allergic skin reaction. | |

### 2.2. Label elements

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

**Hazard pictograms:**

**GHS07**
Exclamation mark

**Signal word:** Warning
**Hazard statements:** none
**Supplemental hazard information:** none
**Precautionary statements:** none

### 2.3. Other hazards

**Other adverse effects:**
No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

| Product identifiers | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|---|---|---|
| CAS No.: 7440-31-5<br>EC No.: 231-141-8<br>REACH No.:<br>01-2119486474-28-0000 | **tin**<br>Substance with a community workplace exposure limit. | 93.3 – 100<br>weight-% |
| CAS No.: 7440-22-4<br>EC No.: 235-131-3<br>REACH No.:<br>01-2119555669-21-0000 | **Silber (Ag)**<br>Substance with a community workplace exposure limit. | 3.3 – 3.7<br>weight-% |
| CAS No.: 8050-09-7<br>EC No.: 232-475-7<br>Index No.: 650-015-00-7<br>REACH No.:<br>01-2119480418-32-0000 | **Rosin**<br>Skin Sens. 1 (H317)<br>Warning | 1 – 3<br>weight-% |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Following inhalation:**
If dusts or fumes occur during processing, ensure adequate ventilation and/or respiratory protection. If dusts/fumes have been inhaled, consult a doctor if symptoms persist.

**In case of skin contact:**
In general, the product is not irritating to skin.

**After eye contact:**
Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

**Following ingestion:**
Consult a doctor if symptoms persist.

### 4.2. Most important symptoms and effects, both acute and delayed
No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:**
Dry sand, Extinguishing powder, Special powder for metal fires
Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media:**
Water

### 5.2. Special hazards arising from the substance or mixture
none

### 5.3. Advice for firefighters
Do not inhale explosion and combustion gases.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

**Personal precautions:**
Not required.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

No special measures are necessary.

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

**For cleaning up:**
Take up mechanically.

**Other information:**
Dispose of the ingested material in accordance with the regulations.

### 6.4. Reference to other sections

See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

**Advices on safe handling:**
Ensure suitable extraction at the processing machines. Do not inhale dust/fumes produced. Ensure compliance with the occupational exposure limit(s) (OEL) and/or other limit values.

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

**Requirements for storage rooms and vessels:**
Observe water regulations.

**Hints on storage assembly:**
Not required.

**Storage class (TRGS 510, Germany):** 10 - 13 – Other combustible and non-combustible substances

**Further information on storage conditions:**
none

### 7.3. Specific end use(s)

**Recommendation:**
No further relevant information available.

## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|---|---|---|
| IOELV (EU) | **tin**<br>CAS No.: 7440-31-5<br>EC No.: 231-141-8 | ① 2 mg/m³ |
| MAK (AT) | **tin**<br>CAS No.: 7440-31-5<br>EC No.: 231-141-8 | ① 2 mg/m³<br>⑤ (einatembare Fraktion) |
| MAK (AT) | **tin**<br>CAS No.: 7440-31-5<br>EC No.: 231-141-8 | ② 4 mg/m³<br>⑤ (einatembare Fraktion, max. 4x15 min./Schicht) |
| MAK (AT) | **Silber (Ag)**<br>CAS No.: 7440-22-4<br>EC No.: 235-131-3 | ① 0.1 mg/m³<br>② 0.1 mg/m³<br>⑤ (Metall, max. 1x30 min./Schicht) |
| IOELV (EU) | **Silber (Ag)**<br>CAS No.: 7440-22-4<br>EC No.: 235-131-3 | ① 0.1 mg/m³<br>⑤ (metal) |

#### 8.1.2. Biological limit values
No data available

#### 8.1.3. DNEL-/PNEC-values
No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls
See section 7.

#### 8.2.2. Personal protection equipment

**Eye/face protection:**
Safety goggles recommended for soldering work.

**Skin protection:**
Hand protection:
Protective gloves / heat insulating
Preventive skin protection through the use of skin protectants is recommended.
Glove material: Wear heat-insulating gloves for rough soldering work.

Body protection: Wear heat-resistant protective clothing when handling hot/molten product. Body protection equipment should be selected depending on the activity and possible exposure.

**Respiratory protection:**
Use suitable respiratory protection if dust or fumes are generated.

**Other protection measures:**
Wear suitable safety clothing and eye/face protection.

#### 8.2.3. Environmental exposure controls
No data available

## Easy Solder Coil 500g

## SECTION 9: Physical and chemical properties

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

**Appearance**

**Physical state:** solid
**Colour:** metallic, silver
**Odour:** Kolophonium
**flammability:** No data available

**Safety relevant basis data**

| Parameter | Value | ① Method<br>② Remark |
|---|---|---|
| pH | *No data available* | |
| Melting point | 221 – 245 °C | |
| Freezing point | *No data available* | |
| Initial boiling point and boiling range | *No data available* | |
| Evaporation rate | *No data available* | |
| Vapour pressure | *No data available* | |
| Density | 7.4 g/cm³ | |
| Bulk density | *No data available* | |
| Water solubility | practically insoluble | |

**particle characteristics:**
No data available

### 9.2. Other information
No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity
No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability
The product is stable under storage at normal ambient temperatures.
Thermal decomposition / Conditions to avoid: No decomposition when used as directed.

### 10.3. Possibility of hazardous reactions
No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid
No further relevant information available.

### 10.5. Incompatible materials
No further relevant information available.

### 10.6. Hazardous decomposition products
Toxic or harmful metal oxides.

## SECTION 11: Toxicological information

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

**Acute oral toxicity:**
Based on available data, the classification criteria are not met.

**Acute dermal toxicity:**
Based on available data, the classification criteria are not met.

**Acute inhalation toxicity:**
Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:**
Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:**
Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation:**
Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:**
Based on available data, the classification criteria are not met.

**Carcinogenicity:**
Based on available data, the classification criteria are not met.

**Reproductive toxicity:**
Based on available data, the classification criteria are not met.

**STOT-single exposure:**
Based on available data, the classification criteria are not met.

**STOT-repeated exposure:**
Based on available data, the classification criteria are not met.

**Aspiration hazard:**
Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

**Endocrine disrupting properties:**
None of the ingredients are included.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

**Biodegradation:**
Inorganic product which is not eliminable from water through biological cleaning processes.

### 12.3. Bioaccumulative potential

**Accumulation / Evaluation:**
Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Product does not contribute to the AOX value of waste water (DIN EN 1485).
General information non-hazardous to water

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

| | |
|---|---|
| **tin** | CAS No.: 7440-31-5 EC No.: 231-141-8 |
| **Results of PBT and vPvB assessment:** — | |
| **Silber (Ag)** | CAS No.: 7440-22-4 EC No.: 235-131-3 |
| **Results of PBT and vPvB assessment:** — | |
| **Rosin** | CAS No.: 8050-09-7 EC No.: 232-475-7 |
| **Results of PBT and vPvB assessment:** — | |

### 12.6. Endocrine disrupting properties

None of the ingredients are included.

### 12.7. Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of waste according to applicable legislation.
For recycling, contact manufacturer.

## SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|---|---|---|
| **14.1. UN number or ID number** | | | |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| **14.2. UN proper shipping name** | | | |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| **14.3. Transport hazard class(es)** | | | |
| not relevant | not relevant | not relevant | not relevant |
| **14.4. Packing group** | | | |
| not relevant | not relevant | not relevant | not relevant |
| **14.5. Environmental hazards** | | | |
| not relevant | not relevant | not relevant | not relevant |
| **14.6. Special precautions for user** | | | |
| not relevant | not relevant | not relevant | not relevant |

### 14.7. Maritime transport in bulk according to IMO instruments
No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation
**Restrictions on use:**
Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer
Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals
Not subject to the SEVESO III Directive.
REACH Candidate List: not listed

#### 15.1.2. National regulations
No data available

### 15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

## SECTION 16: Other information

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### 16.1. Indication of changes

| | |
|---|---|
| 1.3. | Details of the supplier of the safety data sheet |
| 8.1. | Control parameters |
| 16.1. | Indication of changes |
| 16.2. | Abbreviations and acronyms |

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### 16.2. Abbreviations and acronyms

| | |
|---|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| AGW | Threshold Limit Value |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |

| | |
|---|---|
| DNEL | derived no-effect level |
| ES | Exposure scenario |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| MAK | Maximum concentration in the workplace air (CH) |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety & Health |
| OEL | Threshold Limit Value |
| OSHA | Occupational Safety & Health Administration |
| PBT | persistent and bioaccumulative and toxic |
| PNEC | Predicted No Effect Concentration |
| REACH | Registration, Evaluation and Authorization of Chemicals |
| RID | Dangerous goods regulations for transport by rail |
| TRGS | Technische Regeln für Gefahrstoffe |
| UN | United Nations |

### 16.3. Key literature references and sources for data
No data available

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

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|---|---|
| Respiratory or skin sensitisation *(Skin Sens. 1)* | H317: May cause an allergic skin reaction. | |

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

| Hazard statements | |
|---|---|
| H317 | May cause an allergic skin reaction. |

### 16.6. Training advice
No data available

### 16.7. Additional information
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.