Material safety data sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name:

Solder wire coil

Produktcode:

960.1168

1.2. Details of the supplier of the safety data sheet:

KS TOOLS Werkzeuge-Maschinen GmbH

Seligenstädter Grund 10 - 12

63150 Heusenstamm

Tel.: 06104 4974-0

Fax: 06104 4974-11

Mail: aftersales@kstools.com

1.3. Emergency telephone number

Emergency number:

EMERGENCY CONTACT – UK, UAE,

South Africa (24h): Tel: ++44 1865407333 (English)

TRANSPORT EMERGENCY CONTACT - UK, UAE,

South Africa (24h): Tel: ++44 1865 407333 (English)

GIFTNOTRUF/TRANSPORTNOTRUF

Deutschland, Österreich, Schweiz, Luxemburg (24h)

Tel: +49 89 220 61012 / 0800 000 7801 (Deutsch, Englisch)

Numéro d'appel d'urgence en cas d'intoxication/d'accident -

Suisse, Luxembourg (24h): Tel: ++33 1 7211 0003 (Français)

Emergency number:112

SECTION 2: HAZARDS IDENTIFICATION

2.1. Effects of single overexposure:

Swallowing:

Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

Skin absorption:

No evidence of adverse effects from available information.

Inhalation:

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

Skin contact:

A single relatively short exposure causes no known adverse effects.

Several repeated prolongedexposures (24 to 48 hours) may irritate.

Contact:

Direct contact may cause temporary discomfort with mild redness, dryness, and irritation.

2.2. Effects of repeated overexposure:

No evidence of adverse effects from available information.

Medical conditions aggravated by overexposure:

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Significant laboratory data with possible relevance to human health hazard evaluation:

None currently known.

Other effects of overexposure

None currently known.

SECTION 3: COMPONENTS INFORMATION

CHEMICAL NAME	PROPORTION	CAS.	EINECS.
Sn	50-60%	7440-31-5	231-141-8
Pb	30-40%	7439-92-1	231-099-0
Rosin	1-5%	8050-09-7	232-475-7

SECTION 4: FIRST AID MEASURES

4.1. Emergency and first aid measures

Swallowing:

Emetic method, obtain medical attention if discomfort persists.

Skin:

Wash with soap and water

Inhalation:

Emetic method, obtain medical attention if discomfort persists.

Eyes:

Immediately flush eyes with water for at least 15 minutes, Obtain medical attention if discomfort persists

4.2. Notes to physician:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Danger characteristic:

Batteries may burst and release hazardous decomposition products when exposed to a fire situation.

5.2. Hazardous combustion products:

Carbon monoxide, carbon dioxide, metal oxide, irritate fume, etc.

5.3. Fire-Fighting method and media:

The staff must equipped with filtermask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defence the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Put out a fire in the surrounding environment with the right agent. Such as CO2, dry powder, sandy clay.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Steps to be taken if material is released or spilled:

Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal.

6.2. Waste disposal method:

Dispose of in accordance with all Federal, State, and local regulations.

SECTION 7: HANDLING AND STORAGE

7.1.Handling:

Avoid long-term repeated contact with skin. Job site should keep ventilation. Keep away from heat. Sealed container when not using. Reduce dust accumulation and generation. Avoid eye contact. Avoid breathing dust. Wash with soap and water after contact. Empty containers will contain this chemical residue. Don’t damage the empty container

7.2. Storage:

Stored in a low temperature, dry, well ventilated environment. Avoid direct sunlight. Store away from food and water, wash your hands thoroughly before eat bread or drink water. Far from taboo object,such as strong oxidizer, strong acid. Keep away from fire and heating sources. Equipped with corresponding varieties and number of fire equipment. Storage areas should be equipped with leakage emergency treatment equipment and suitable for accept materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Monitoring method: No data available

Engineering controls: Ensure vapor concentration in the workshop under the requirements of existing OSHA.

Respiratory system safeguard: Exceed the standard concentration in air, must wear self-priming filter type gas mask (half mask), emergency rescue or evacuation, should wear air respirator.

Eye safeguard: Wear chemical safety protective glasses

Body safeguard: Wear anti-static clothes.

Hand safeguard: Wear rubber oil resistant glove

Else safeguard: No smoking at job site. Avoid prolonged and repeated contact.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

Melting Point:	231.88° C
Density(g/mL,20℃):	7.28
Solubility in water (By Wt):	Insoluble
Appearance:	Silvery solid
Odour:	Odorless

SECTION 10: STABILITY AND REACTIVITY DATA

10.1. Stability:

Stable.

10.2. Conditions to avoid:

None

10.3. Incompatibility:

Oxidizing materials can cause a reaction.

10.4. Hazardous combustion or decomposition products:

Burning can produce carbon monoxide, carbon dioxide, oxides of silicon, and hydrocarbons. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. May give off hydrogen fluoride upon combustion. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Decomposition product: Under normal conditions of storage and use, hazardous decomposition productsshould not be produced

SECTION 11: TOXICOLOGICAL INFORMATION

Irritation:

May cause sensitization by Inhalation and skin contact.

Chronic toxicity:

No known significant effects or critical hazards.

Carcinogenicity:

No known significant effects or critical hazards.

Reproduction toxicity:

No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

No known significant effects or critical hazards.

Biological degradability:

No known significant effects or critical hazards.

Non-living things degradability:

No known significant effects or critical hazards.

Biology gathering and biology accumulate:

No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal methods:

All waste must be referring to the United Nations, national and local regulations for disposal, the dumped or discarded material may be regard as a restrictive waste referring to local regulations. Cleaned containers containing this substance were also required treatment. Comply with waste law. Atmospheric Pollution Act and water pollution law for disposal.

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SECTION 14: TRANSPORT INFORMATION

DOT HAZARD CLASSIFICATION: None

I.A.T.A. HAZARD CLASSIFICATION: None (Not Regulated)

SECTION 15: REGULATORY INFORMATION

Please note that waste disposal should meet local regulatory requirements.

SECTION 16: OTHER INFORMATION

We believe that the information contained herein is current as of the date of this material safety data sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of technology, it is the user's obligation to determine the conditions of safe use of the product.