



## Section 1. Product and Company Identification.

**1.1 Model Number;** SW20 v1  
**1.2 Description;** Soldering Wire Dispenser Tube

**1.3 Manufacturer;**

Sealey Group,  
 Kempson Way,  
 Bury St. Edmunds,  
 Suffolk.  
 IP32 7AR

**1.4 telephone number;** 44 (0) 1284 757 500

**Date of source compilation;** not advised.

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**

**Risk phrases;**

Xxx

**Safety phrases;**

Xxx

**2.2 Label elements.**

**2.3 Other hazards.**

## Section 3. Substances.

3.1 Substance & 3.2 Mixture need be included as appropriate

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Percentage of Content (mixture)
TIN	7440-31-5	Balance %
LEAD	7439-92-1	<0.10%
SILVER	7440-22-4	<0.05%
ANTIMONY	7440-36-0	<0.12%
BISMUTH	7440-69-9	<0.10%
COPPER	7440-50-8	0.75%



#### Section 4. First aid measures.

SKIN:	For burns, cool with cold water and get medical treatment. For irritation, wash with soap and water. Get medical attention if irritation persists.
EYES:	For fume irritation, remove from exposure. Flush with running water for at least 15 minutes. Get medical attention.
INGESTION:	Drink large amounts of water. Induce vomiting if practical, seek medical attention immediately. Never give anything by mouth to an unconscious person.
INHALATION:	Remove to fresh air. If breathing is difficult, administer oxygen and get medical attention.

#### Section 5. Fire Fighting Measures.

EXTINGUISHING MEDIA:	No specific agents recommended
SPECIAL FIRE FIGHTING PROCEDURE:	Do not use water on molten alloy, danger of explosion
FIRE FIGHTING EQUIPMENT:	Use full protective clothing and self-contained breathing apparatus

#### Section 6. Accidental Release Measures.

Not applicable.

#### Section 7. Handling and Storage.

Keep out of reach of children.  
Avoid storage near incompatible materials.  
Keep material dry.  
Wash contaminated clothing before reuse.

#### Section 8. Exposure Controls/Personal Protection.

VENTILATION:	Required to maintain exposure levels below TLV's and PEL's.
RESPIRATORY PROTECTION:	Required if TLV's are not being maintained. Use NIOSH/MSHA approved respirators if TLV's are exceeded.
SKIN PROTECTION:	Protective gloves recommended for prolonged contact/heat.
EYE PROTECTION:	Safety glasses or goggles or face shield are recommended around molten metal.
HYGIENE:	No food, drink or tobacco should be allowed while handling or processing material or in work area. Wash hands thoroughly before eating, drinking, applying cosmetics or using tobacco products.
OTHERS:	Safety equipment should be worn as appropriate for the work environment.



## Section 9. Physical and Chemical Properties.

BOILING POINT:	Not determined
MELTING POINT:	227°C
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
SOLUBILITY IN WATER:	NIL
SPECIFIC GRAVITY:	>7
pH:	N/A
ODOUR:	NONE in raw state. See section 11.
APPEARANCE & COLOR:	Silver to grey metallic metal solid

## Section 10. Stability and Reactivity.

STABILITY:	Stable
CONDITIONS TO AVOID:	None
INCOMPATIBILITY:	Strong oxidizing agents, strong acids
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Metal oxide fumes.

## Section 11. Toxicological Information.

NOTE: Normal handling or processing may result in the generation of dust and/or fumes, which may present a health hazard.

ROUTES OF ENTRY:	INHALATION Yes SKIN No INGESTION Yes
HEALTH HAZARDS:	Contact with dust and fumes may cause skin, eye and respiratory irritation. Excessive inhalation of dust or fumes may result in "metal fume fever", with the onset of symptoms taking several hours, after exposure, to manifest. Ingestion of very large amounts of material may be toxic. Excessive and repeated inhalation may result in benign pneumoconiosis. Chronic exposure via inhalation and ingestion may result in liver and red blood cell effects. Excessive and repeated skin exposure may result in systemic skin effects including pigmentation changes. Studies show that health risks vary by individual. Always minimize exposure as a precaution.
SYMPTOMS OF OVEREXPOSURE:	
INHALATION:	Flu-like symptoms including Irritation of nose and throat, headache, dizziness, difficulty in breathing, blurred vision. Symptoms usually disappear within 24 hours.
INGESTION:	Nausea, vomiting and fatigue.
EYE:	Redness, blurring and tearing.
CARCINOGENICITY:	Not determined
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Skin, blood and respiratory conditions.

## Section 12. Ecological Information.

Not available.

## Section 13. Disposal Considerations.

Disposal in accordance with local authority regulation requirements.



**Section 14. Transport Information.**

Not applicable.

**Section 15. Regulatory Information.**

Not available.

**Section 16. Additional Information.**

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.