



Section 1. Product and Company Identification.

1.1 Model Number; AK2953 v2
1.2 Description; Micro Butane Torch Kit 7pc
 Solder wire.

1.3 Manufacturer;

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

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 08/06/2015

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

No classification.

2.2 Label elements.

Precautionary statements;

Wear eye protection
 May cause respiratory irritation
 Causes skin irritation
 Harmful if swallowed

Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Tin	7440-31-5	98.01%	-	-
Rosin	8050-09-7	1.3%	Skin Sens. 1	H317
Copper	7440-50-8	0.69%	-	-

¹For full text of Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove to fresh air.
Keep warm and at rest.

Skin Contact

Wash off with soap and plenty of water.
If any skin rash develops seek medical attention.

Eye Contact

Flush eyes with plenty of water.

Ingestion

Rinse the mouth with water.
Do NOT induce vomiting.
Seek 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. Fire Fighting Measures.

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.
Dry Chemical, Carbon Dioxide or Chemical Form.
Sand may be used for small fires.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

No data available.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Avoid inhalation of any fume from the hot solder.

Prevent contact with hot product.

Wash hands after handling and before eating, drinking or smoking.

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains, soil, waterways and sewers.

Prevent further spillage.

6.3. Methods and material for containment and cleaning up

Sweep up the spillage, then place into a suitable container for disposal.

Keep in suitable closed containers for disposal.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Keep out reach of children.

Wash hands with soap and warm water after handling soldering products.

Workers should wash hands before eating, drinking and smoking.

Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area.

Store in correctly labelled containers.

Keep away from direct sunlight.

Keep away from food and drink.

7.3. Specific end use(s)

Intended for use as solder wire for the Model Number identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m ³	ppm	mg.m ³
Rosin	8050-09-7	-	0.05	-	0.15
Copper	7440-50-8	-	0.2	-	-

8.2. Exposure controls

Appropriate Engineering Controls

Ensure adequate local ventilation.

Eye/Face Protection

Goggles specified to EN 166.

Skin Protection

Wear protective clothing.

Disposable vinyl gloves.

Respiratory Protection

Ensure adequate ventilation.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Solid. Silver coloured wire.
(b) Odour:	Pungent.
(c) Odour threshold;	No data available
(d) pH:	xxx
(e) Melting point point;	227°C.
(f) Initial boiling point;	2507°C
(g) Flash point;	xxx
(h) Evaporation rate;	Not relevant to product as supplied.
(i) Flammability (solid, gas);	Not relevant to product as supplied.
(j) Upper/lower flammability or explosive limits;	Not relevant to product as supplied.
(k) Vapour pressure;	Not relevant to product as supplied.
(l) Vapour density;	Not relevant to product as supplied.
(m) Relative density;	Not relevant to product as supplied.
(n) Solubility(ies);	Insoluble in water.
(o) Partition coefficient: n-octanol/water;	Not relevant to product as supplied.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	Not relevant to product as supplied.
(r) Viscosity;	Not relevant to product as supplied.
(s) Explosive properties;	Not relevant to product as supplied.
(t) Oxidising properties.	No data available.

9.2 Other information

No data available.



Section 10. Stability and Reactivity.

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal temperatures and pressures.
10.3. Possibility of hazardous reactions	Solder will react with strong oxidizing agents.
10.4. Conditions to avoid	Strong Oxidants
10.5. Incompatible materials	Strong oxidizing agents, acids.
10.6. Hazardous decomposition products	No data available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Inhalation of the flux fumes given off at soldering temperatures will irritate the nose and throat.

The fumes produced by rosin may cause sensitisation by inhalation.

Temperatures above 500°C may produce vapours or fumes that, on cooling, may condense as heavy metals dust.

Lead is harmful if absorbed into the body and can cause birth defects and other reproductive harm.

Inhalation: Fumes generated during use may cause sensitisation to the respiratory system and must be extracted away from the operator.

Skin Contact: Contact may cause irritation and dermatitis.

Ingestion: Ingestion may cause kidney and liver damage.

Eye Contact: Contact may cause irritation and abrasion.

Section 12. Ecological Information.

No data available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.

Section 14. Transport Information.

Not regulated for transport.



Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment
No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H317 May cause an allergic skin reaction.

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.

Issue level	Date	Revisions
1	19/03/20	First issue.

End of Safety Data Sheet.