

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/5

Q-670-Sn42 Solderpaste

Revision 3
Revision date 2023-02-22

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

1.1. Product identifier

Product name	Q-670-Sn42 Solderpaste
Other means of identification / UFI	UFI No.T9W9-CVGW-R00D-H60S.

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

Description	Soldering.
-------------	------------

1.3. Details of the supplier of the safety data sheet

Company	Qualitek Europe Ltd
Address	Unit 9 Apex Court Bassendale Road Bromborough Wirral CH62 3RE
Web	www.qualitek.com
Telephone	+ 44(0)151 334 0888
Fax	+ 44(0)151 334 1408
Email address of the competent person	sales@qualitek-europe.com

1.4. Emergency telephone number


Emergency telephone number	+ 44(0)151 334 0888 9.00 am - 5.00 pm Mon -Fri
----------------------------	---

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317;
--------------------------------------	---------------------

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ . If eye irritation persists: Get medical advice/attention. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Q-670-Sn42 Solderpaste

Revision 3

Revision date 2023-02-22

2.2. Label elements

Precautionary Statement: Disposal	Dispose of in compliance with all Local and national regulations
--	--

2.3. Other hazards

Other hazards	None.
----------------------	-------

Further information

	Rosin: Caution: exposure to this material may cause certain sensitive individuals to develop eczema and/or asthma. Sensitised persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.
--	--

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Bismuth		7440-69-9	231-177-4	01-2119560575-33	55-65%	
Tin		7440-31-5	231-141-8	01-2119486474-28	35-45	
Natural Rosin (Mod Rosin)		65997-05-9	500-163-2	01-2119960933-37	1 - 10%	Skin Sens. 1: H317;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides.
--	----------------

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
--	--

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

Q-670-Sn42 Solderpaste

Revision 3

Revision date 2023-02-22

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. 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. Keep containers tightly closed. Store in correctly labelled containers.
--	--

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

Natural Rosin (Mod Rosin)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.05
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:
	0.15	

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Paste
Colour	Dark grey
Odour	Characteristic
Melting point	139 °C
Flash point	> 98 °C
Autoignition temperature	> 226 °C
Solubility	Insoluble in water

9.2. Other information

Specific gravity	3.5 - 5.5 g/cm ³
-------------------------	-----------------------------

9.2.1. Information with regard to physical hazard classes

	No data available.
--	--------------------

9.2.2. Other safety characteristics

	No data available.
--	--------------------

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions.
--	---------------------------------

Q-670-Sn42 Solderpaste

Revision 3

Revision date 2023-02-22

SECTION 11: Toxicological information**11.1 Information on hazard classes**

No data is available on this product.

Further information

None.

SECTION 12: Ecological information**12.3. Bioaccumulative potential**

Does not bioaccumulate.

SECTION 13: Disposal considerations**General information**

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information**14.1. UN number**

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information**Other information****Revision**

This document differs from the previous version in the following areas:.

- 1 - Other means of identification / UFI.
- 2 - Other hazards.
- 9 - 9.2.2. Other safety characteristics.
- 9 - 9.2.1. Information with regard to physical hazard classes.

Q-670-Sn42 Solderpaste

Revision 3

Revision date 2023-02-22

Other information

Text of Hazard Statements in Section 3	11 - Further information.
	Skin Sens. 1: H317 - May cause an allergic skin reaction.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
--	--