



MSDS

(Material Safety Data Sheet)

Report No.: PRSZ19051701C

Applicant : AOYUE INTERNATIONAL LIMITED
Address : NO. 2 Guotai Road, Jishui Industrial Zone, Nantou, Zhongshan
City, Guangdong, P. R. China
Product : SOLDER PASTE
Model(s) : W001
Date of Sample : May 17, 2019
Date of Issue : May 21, 2019
Manufacturer : HANUITEK ELECTRONICS LIMITED
Address : NO. 2 Guotai Road, Jishui Industrial Zone, Nantou, Zhongshan
City, Guangdong, P. R. China
Laboratory : Shenzhen PTSI Testing Co., Ltd.
Address : 2/F, Building C, Hongwan Commercial Center, Bao'an Road,
Xixiang, Baoan, Shenzhen, China

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****



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Signed for and on behalf of
Shenzhen PTSI Testing Co., Ltd



Tested by: Alex Hu
Alex Hu, Test Engineer

Reviewed by: Sunny Ge
Sunny Ge, Laboratory Supervisor

Approved by: James Liu
James Liu, Technical Director



Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name : SOLDER PASTE
Model : SOLDER PASTE
Manufacture : HANUITEK ELECTRONICS LIMITED

Section 2 - Hazards Identification

Fatalness Grade: In accordance with Regulation (EC) No. 1272/2008

Chemical Name	CAS No.	Classification				Hazard Statement	UN
		Risk Phrases	Hazard Statement	Safety Phrases	Safety Description		
Tin	7440-31-5	R37/38	Irritating to eyes and skin.	S24/25	Avoid contact with skin and eyes	/	/
Lead	7439-92-1	--	--	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	/	UN 3082 9/PG 3
				S53	Avoid exposure - obtain special instructions before use.		
				S60	This material and/or its container must be disposed of as hazardous waste.		

Invasion Route: No data.

Health Hazards: No data.

Environment Hazards: No known significant effects or critical hazards.

Burn & Burst danger: The product is apt to flame under the condition of fire.

Section 3 – Composition/Information on Ingredient

Pure Admixture

Composition:

Chemical Name	In % By Weight	CAS No.	EINECS	Molecular Formula
Tin	63	7440-31-5	231-141-8	Sn
Lead	37	7439-92-1	--	Pb

Abbreviation: CAS: Chemical Abstract Service Registry

EC: European Inventory of Existing Commercial chemical Substances



Section 4 –First Aid Measures

Skin contact: Wash off with soap and plenty of water. Consult a physician.

Eyes contact: Flush eyes with water as a precaution.

Inhalation: if breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Danger characteristic: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: No data.

Fire-Fighting method & media: Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Emergency treatment:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Moisture sensitive.

Section 8 – Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet

Monitoring Method: /

Engineering Control: To supply with sufficient air exhaust.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hands Protection: Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Other Protection: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Section 9 – Physical and Chemical Properties

Appearance: Admixture.

Color: Grey



Form: Solid

Odour: Odourless

pH value: No data.

Boiling Point: No data.

Flash point: No data.

Flammability: No data.

Density: No data.

Explosion hazard: No data.

Melting Point: No data.

Melting Range: No data.

Permission of solvent inhalation: No data.

Solubility: Not insoluble.

Section 10 – Stability and Reactivity

Stability: Stable under normal temperature and pressure.

Distribution of Ban: None.

Conditions to Avoid: None.

Hazardous Polymerization: None.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 – Toxicological Information

The information provided in this sections is related to the individual ingredients of the sample.

Acute Toxicity: No known significant effects or critical hazards.

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazard.

Others: No known significant effects or critical hazards.

Section 12 –Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No data.

Other harmful effects: None.

Section 13 –Disposal Considerations

Nature of waste: /

Waste disposal methods: Refer to National or Local regulations before handling. It's suggested to recycle.

Attention abandoned: No applicable.

Section 14 –Transport Information

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: No data.

Packaging Method: No data.

Transport Attentions: No data.

Section 15 –Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

The International Maritime Dangerous Goods (IMDG) Code.

Section 16 –Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Note:

- Photo included.

Photograph of Sample



End of the Report