



# MSDS

Report No.: HLF22003660E

Report Date: February 21, 2023

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## Material Safety Data Sheet (MSDS)

**Samples Name:** MECHANIC Solder Paste

**Model:** MECHANIC solder paste

**Item Number:** /

**Client Name:** Shenzhen woweisi Electronic Technology Co., LTD

**Address:** Floor 2, Exit B, Block A, No.45 Gangde Road, Tongle Community, Longgang District, Shenzhen, Guangdong

**Post Code:** /

Reviewed by:

Lab Senior Engineer

Authorized Signature:

Technology Manager

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## Section 1 - Chemical Product and Company Identification

**Product Name:** See paragraph 3 for details

**Manufacture:** Shenzhen woweisi Electronic Technology Co., LTD

**Address:** Floor 2, Exit B, Block A, No.45 Gangde Road, Tongle Community, Longgang District, Shenzhen, Guangdong

**Contact Person:** Huang Aina

**Tel:** 15307625268

**Fax:** /

**Email:** /

## Section 2 - Hazards Identification

Fatalness grade:

**GHS Risk category:**

Reproductive toxicity, Additional category  
genotoxicity class 1A

**Label elements:**



**figurative graph:**

**Warning:** Dangerous

**Risk description:**

H362 May cause harm to breastfeeding, the children

**Prevention instructions:**

Preventive measure:

- P201 Get special instructions before your use.
- P260 Do not inhale dust / smoke / gas / smoke / vapor / spray.
- P263 Avoid contact during pregnancy / lactation.
- P264 Clean it thoroughly after the operation.
- P270 Do not eat, drink, or smoke when using this product.
- P202 Do not move until reading and identifying all safety measures.
- P280 Wear protective gloves / protective clothing / protective eye mask / protective mask.

**Accident response:**

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— P308+P313 If contact or doubt: seek medical treatment / visit.

**Safe storage:**

— P405 Lock shall be added at the storage site.

**Waste disposal:**

— P501 Disposal of internal contents / containers according to local regulations.

Physical and chemical hazards: no information

**Health hazards:** They may cause harm to breastfed children.

Environmental hazards: no information

## Section 3 –Composition/Information on Ingredient

Pure

Admixture ■

**Composition:**

Chemical Name	Composition (in% by weight)	CAS No.	EC No.
Tin	50-70	7440-31-5	231-141-8
Lead	30-50	7439-92-1	--
Petroleum Jelly White	20-30	8009-03-8	232-373-2

## Section 4 - First Aid Measures

**Urgent, save:**

Inhalation: fresh air, rest.

**Skin contact:** Take off the contaminated clothes.Rinse, then wash the skin with water and soap.

**Eye contact:** rinse with a lot of water for a few minutes (if possible, remove contact lenses) and then seek medical attention.

**Eat in:** gargle.A lot of drinking water.Give medical care.

**Advice to protect rescuers:** Move patients to a safe place.ref.phys.Show this chemical safety technical specification to the doctor at the site.

**Special tips for the doctor:** No information

## Section 5 - Fire Fighting Measures Danger

Annihilator:

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Fire out with water mist, dry powder, foam or carbon dioxide extinguishing agent.

Avoid using straight running water to extinguish the fire, which may cause the splash of flammable liquid and spread the fire.

### Special danger:

Not combustible. Release of irritating or toxic smoke (or gas) in the flame. Fine dispersed particles form an explosive mixture in the air.

Fire extinguishing precautions and protective measures:

When the surrounding environment is on fire, use the appropriate fire extinguishing agent.

## Section 6 –Accidental Release Measures

Protective measures, protective equipment and emergency handling procedures for operators:

Clean the leak into the container. If appropriate, first moisten to prevent dust. The residue was carefully collected and then transferred to a safe location. Do not let the chemical into the environment. Personal protective equipment: a P3 filter respirator suitable for toxic particles.

**Environmental protection measures:** shelter the leaks to avoid environmental pollution. Prevent leaks from entering sewers, surface water, and groundwater.

### Receiving and removal methods of leaking chemicals and disposal materials used:

**Small leakage:** Collect the leaking liquid in a airtight container whenever possible. Absorbed with sand, activated carbon or other inert materials and transferred to a safe place. No flushing into the sewer.

**Large leakage:** Build embankments or digging for shelter. Close the drainage pipe. Cover with a foam to inhibit evaporation. Transfer with an explosion-proof pump to a tank truck or special collector, recycled or transported to a waste disposal site for disposal.

## Section 7 - Handling and Storage

### Operation Notes:

Prevent dust deposition. closed-system separator. Prevent dust explosion type electrical equipment and lighting.

Operators shall receive special training and strictly observe the operating procedures.

Operational disposal shall be performed in places with local ventilation or comprehensive ventilation facilities.

Avoid contact between the eye and skin and avoid inhaling vapor.

See Part 8 for individual protection measures.

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Stay away from fire and heat sources, and smoking is strictly prohibited in the workplace.

Use an explosion-proof-type of ventilation system and equipment.

If canned, the flow rate shall be controlled and grounded to prevent static accumulation.

Avoid contact with prohibited compounds such as oxidants (see part 10 for prohibited compounds).

Light loading and light unloading when handling, to prevent damage to packaging and containers.

The emptied container may remain harmful substances.

Wash your hands after use and avoid eating in the workplace.

Equipped with the corresponding varieties and quantity of fire-fighting equipment and leakage emergency treatment equipment.

## Storage Notes:

Substances that conflict with food, feed and nature shall be stored separately. See chemical risk

## Section 8 - Exposure Controls, Personal Protection

**Maximum admissible concentration:** No standard yet..

**Monitoring Method:** /

**engineering control:**

Prevent dust diffusion! Avoid pregnant woman contact!

Worksites are recommended to be separated from other workplaces.

Closed operation, to prevent leakage.

Strengthen ventilation.

Set up the automatic alarm device and the accident ventilation facilities.

Set up emergency evacuation channels and necessary evacuation areas.

Set up the red area warning line, warning mark and Chinese warning description, and set up the communication alarm system.

Provide safe shower and eye washing equipment.

**Individual protective equipment:**

**Respiratory system protection:** local exhaust ventilation or respiratory protection.

**Hand protection:** protective gloves.

**Eye protection:** safety goggles.

**Skin and body protection:** wear poison penetration work clothes.

## Section 9 - Physical and Chemical Properties

**Appearance:** Paste

**Color:** Gray

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Odor: No smell

Density: /

Boiling Point: No data.

Melting Point: No data

Flashpoint: No data

Vapour pressure: No data.

Solubility in water: No data

Partition coefficient (n-octanol / water): No data.

Viscosity: No data

PH Value: No data

Permission of solvent inhalation: No data.

Solubility: No data

Ignition temperature: No data

## Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Distribution of Ban:** Strong oxidizer, strong acid.

**Conditions to Avoid:** Mixing with air in a powder or particle shape, a dust explosion may occur. When heated, a toxic smoke is generated. Reacting with the oxidants. Reacts with hot concentrated nitric acid, boiling concentrated hydrochloric acid and sulfuric acid. When aerobic, pure water and weak organic acid.

**Hazardous Polymerization:** No data

**Hazardous Decomposition Products:** No data

## Section 11 - Toxicological Information

**Acute Toxicity:** inhalation: LC50 - rat (male/female) - > 5.05 mg/L air.

**Sub-acute and Chronic Toxicity:** No data.

**Irritation:** No data.

**Sensitization:** No data.

**Mutagenicity:** No data.

**Carcinogenicity:** No data.

**Specific target organ system toxic — repeated exposure:**

The substance may have effects on the blood, bone marrow, central nervous system, peripheral nervous system and kidney, causing anemia, encephalopathy (e. g. convulsions), peripheral nerve disease, stomach cramps and

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kidney injury.Cause reproductive or developmental toxicity in humans.

**inhalation hazard:**

The harmful concentration of particles in the air can be reached quickly, especially the powder

## Section 12 - Ecological Information

**Eco-toxicity:**

Fish acute toxicity test: LC50 - Oncorhynchus mykiss (previous name: Salmo gairdneri) - 1 170 µg/L - 96 h.

Remarks:(estimated using the conversion equation according to Blust (2010); measured total LC50 values was 1170 µg/L).

Acute activity-like inhibition test: NOEC - other aquatic mollusc: Crassostrea gigas - >= 1 915 µg/L - 48 h.

Remarks:Pb.

Algal growth inhibition assay: NOEC - Skeletonema costatum - 22.7 µg/L - 96 h.

Toxicity to the microorganisms: IC10 - Micro-organisms living in activated sludge mixed liquor - 2.92 mg/L - 1 h.

Remarks:Respiration rate.

**Biodegradable:** No applicable.

**Non-biodegradable:** No applicable.

**Bioconcentration or biological accumulation:** No applicable.

**Other harmful effects:** No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

**Waste chemicals:**

Recycling it as much as possible.

If it cannot be recycled, use it for disposal by incineration method.

The product shall not be discarded by means of discharge into the sewer.

**Pollution packaging:**

Return containers to the manufacturer or dispose in accordance with national and local regulations.

**Waste considerations:**

Relevant national and local regulations shall be consulted before waste disposal.

Safety precautions for disposal personnel, see Part 8.

## Section 14 - Transport Information

**Number of dangerous goods:** No applicable.

**UN Number:** No data.

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**Packaging Mark:** No data.

**Packaging Method:** No data.

**Transport Attentions:**

Transport vehicles shall be equipped with the corresponding variety and quantity of fire-fighting equipment and leakage emergency treatment equipment.

It is strictly prohibited to mix and mix with oxidants and edible chemicals.

The exhaust pipe of the vehicle carrying the item must be equipped with a fire resistance device.

When transporting with tank (tank), the tank can be equipped with hole diaphragm to reduce static electricity.

Do not use spark-prone mechanical equipment and tools.

Morning and evening transportation is best in summer.

Transportation should be prevented from exposure, rain, to prevent high temperature.

Halover should be away from fire, heat source, high temperature area.

Highway transport should be driven according to the prescribed route, do not stay in residential areas and densely populated areas.

Saway should be prohibited during railway transport.

It is strictly prohibited to transport wooden ships and cement ships in bulk.

Hazard signs and announcements shall be posted on the transport means according to the relevant transport requirements.

## 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, Labeling 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.

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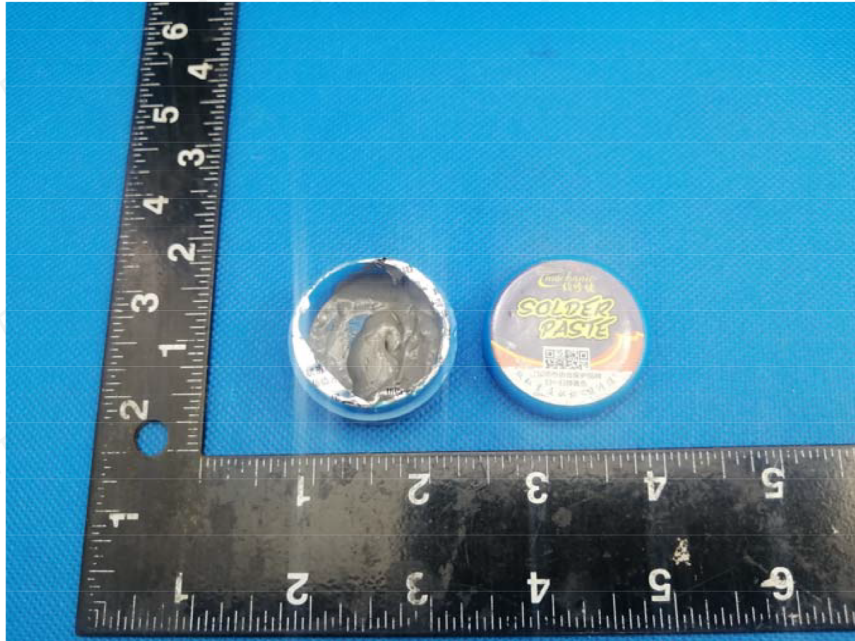


**Note:**

- Photo is included

**Sample Description** : Paste

**Photograph of Sample**



\*\*\*\*\*End of MSDS\*\*\*\*\*

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