



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**COMPANY NAME** : NingBo XiHan Tin Solder Co., LTD.  
**ADDRESS** : 371# SOUTH DONGSHAO ,ZHUANGQIAO ,  
JIANGBEI , NINGBO OF CHINA  
**WEBSITE** : [www.solderchina.com](http://www.solderchina.com)  
**SECTION IN CHARGE** : Engineering & Technology Center  
**PERSON IN CHARGE** : Kezhong Shen  
**EMERGENCY TELEPHONE NUMBER** : 0086-574-87577700  
**E-mail** : zhouyajun@solderchina.com  
**PERSON IN CHARGE** : Sales Division  
**Revised date: 2020-3-12**

**PRODUCT NAME :** Solder wick/Desoldering Wire/soldering braid  
**MODEL :** 21H003/21H006/21H007

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance: mixture

Chemical name/Generic name: Desoldering braid

Concentration or Concentration range:

Ingredient	Rosin	Copper
Chemical Name	Abietic acid	Copper
Content	< 5%	> 95%
Chemical formula	C <sub>20</sub> H <sub>30</sub> O <sub>2</sub>	Cu
Official Gazette Notice Ref. No. (The Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances and Industrial Safety and Health Law)		
CAS No.	514-10-3	7440-50-8
UN Classification	--	--
UN No.	--	--
PRTR No.	--	--

- **No hazardous ingredients are contained although rosin with content of 0.1% may cause an allergic reaction.**



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### 3. HAZARDS IDENTIFICATION

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GHS Classification: Not applicable

GHS label elements: Not applicable

Signal Word: Not applicable

Hazard and toxicity information: Vapors may cause irritating to eyes, nose and respiratory system when heating.

Precautionary statement: Do not handle until all safety precautions have been read and understood

Prevention: Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

Do not breathe fume/gas/produced during heating.

Storage:

Store in well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal:

Dispose of contents/container in accordance with local/ regional/ international regulation

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### 4. FIRST-AID MEASURES

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If inhaled: Remove the victim to fresh air in case of inhalation with fumes produced during heating

If in eyes: Do not let the victim rub his eyes. Remove all chemicals from contact with his eyes. Rinse with water for several minutes. Get medical advice/attention if you feel unwell

If swallowed: Try to get the victim to vomit. Receive the treatment of a doctor

If on skin: Wash with plenty of soap and water.

Most important effects and symptoms: No information available

Protection for first-aid responders: No need

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### 5. FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA: Powder type fire extinguishing agent, carbon dioxide, Water spray.

UNSUITABLE EXTINGUISHING MEDIA: Do not use cylindrical water flow.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL IF BURNING:

Gas including corrosive, irritant, or toxic may occur.

SPECIFIC FIRE FIGHTING: No need.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTER:

Wear appropriate protective equipment (gloves, glasses, mask, atmosphere supplying respirator).



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## 6.ACCIDENTAL RELEASE MEASURES

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Personal precautions protective equipment and emergency procedures:

Wear protective gloves/eye protection/face protection.

Environmental precautions: Product should not be flowed into the environment.

Collections and Neutralization: Rake up the substance into the container.

Prevention of secondary disaster: No information available.

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## 7. HANDLING AND STORAGE

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Handling:

Appropriate engineering controls: Wear suitable protective items such as protective glasses and protective gloves.

Local exhaust/Total ventilation: The local exhaust is used.

General precautions: Beware of burns during heating.

Do not work near combustibles.

Storage:

Appropriate engineering controls: No need.

Appropriate storage conditions: Store in a cool, dry ,and well ventilated indoor.

Hazardous substance by mixing: No information available.

Safe containers and packaging materials: Plastic sealing bag to prevent moisture.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Engineering controls: No need.

Exposure limit: Not established

Tolerable concentration: Not established.

ACGIH(2005): Not established.

Engineering measures: Local exhaust is used.

Personal protective equipment:

Respiratory protection: Use a protective mask as required.

Hand protective equipment: Use protective gloves as required.

Eyes protection: Wear protective glasses as required.

Appropriate hygiene measures: After work, wash ands well.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Shape: Braided copper wire

Odor: Mild solvent odor

PH: No information available.

Melting point/Freezing point: No information available.

Boiling point: Initial boiling point: No information available.

Boiling range

Flash point: No information available.

Explosive limits: No information available.

Vapor pressure: No information available.

Vapor density: No information available.

Specific gravity (Relative density): No information available.

Solubility: Water; insoluble

Autogenous ignition temperature: No information available

Flammability: No information available

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## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

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Chemical stability: Rust produces in humid air.

Possibility of hazardous reactions: No information available

Conditions to avoid: No information available

Incompatible materials: No information available

Hazardous decomposition products: No information available.

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## 11. TOXICOLOGICAL INFORMATION

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Acute toxicity: No information available

Skin corrosion/irritation: No information available

Serious eye damage/eye irritation: No information available

Respiratory sensitization/skin sensitization: No information available

Mutagenicity (Germ cell mutagenicity): No information available

Carcinogenicity: No information available

Reproductive toxicity: No information available

Specific target organ systemic toxicity-Single exposure: No information available

Specific target organ systemic toxicity-repeated exposure: No information available



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## 12. ECOLOGICAL INFORMATION

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**DEGRADABILITY** : Data not available.  
**COMMULATIVE EFFECTS** : Data not available.  
**FISH TOXICITY** : Data not available.  
**ECOTOXICITY** : No information available

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## 13. DISPOSAL CONSIDERATIONS

**Residual waste:** Dispose in accordance with local/regional /national/international regulations.

**Commit disposal to industrial waste disposal contractor that have received approval from the municipalities.**

**Contaminated containers:** Remove the contents completely and commit disposal to industrial waste disposal contractor that have received approval from the municipalities.

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## 14. TRANSPORTATION INFORMATION

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International Regulation: Marine Regulations: follow IMO regulation  
Aviation: follow ICAO/IATA regulation  
UN NO.: Not applicable  
UN proper shipping name: Not applicable  
Class: Not applicable  
UN classification Class: Not applicable  
Marine pollutant: NO

Domestic regulations: Land Regulations: Follow fire service act  
Marine Regulations: Follow ship safety act  
Aviation Regulations: Follow aviation law

Special precautions: No need.

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## 15. REGULATORY INFORMATION

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PRTR law :N/A

(information on rosin)

Fire Service Law : Combustible solid category (3,000kg) of combustible materials specified in Schedule 4 to Article 9-3 Enforcement Ordinance.

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## 16. OTHER INFORMATION

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**Reference** : Chemical product of 13700  
MSDS from the manufacturer.

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This document has been prepared based on the information and data that are available as of this data. Therefore, it may be revised when new information or data has been obtained.

The information and data contained herein are subject to the normal use. The evaluation of dangerousness and toxicity is ,therefore ,not always applicable, For this reason, the safety precautions suitable for your purpose and method must be taken prior to the use.