

SAFETY DATA SHEET:

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME : Hakko Corporation
ADDRESS : 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka, 556-0024
 Japan
SECTION IN CHARGE : Research & Development Center
EMERGENCY TELEPHONE : 81-6-6561-3225 (FAX: 06-6568-0821)
NUMBER/REFERENCE : Sales Division

PRODUCT NAME: Hakko Wick
Model: No. FR120-00, -01,-02,-03,-04,-05

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

	Rosin
Acute toxicity (Inhalation: dust, mist etc.)	Category 4

GHS L ELEMENTS

PICTOGRAM OR SYMBOL :



SIGNAL WORD : Warning

HAZARD INFORMATION : Hazardous by inhalation(dust)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Rosin	Copper
Chemical Name	Non-ionic flux mixture (Proprietary non-hazardous blend)	Copper
Content	< 5%	> 95%
Chemical formula	—	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.	—	7440-50-8
UN Classification	—	—
UN No.	—	—

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

4. FIRST-AID MEASURES

Eye contact : Do not rub or close eyes.

Remove the foreign matter and flush eyes with plenty of water. Consult an ophthalmologist as soon as possible.

Skin contact : Although no harm is expected by skin contact, inflammation may result.

Ingestion : Induce vomiting or spit it out if possible, and seek medical attention.

Touched during heat application : Flush the affected area with plenty of water, and then treat the burn.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Use carbon dioxide foam, sand or earth.

Special fire fighting procedures : Be sure to use the above extinguishing media, not using water, to extinguish a fire.

6. ACCIDENTAL RELEASE MEASURES

Removing procedures : Collect the released/scattered products and dispose of them as non-combustible waste.

7. HANDLING & STORAGE

Handling

Handling precautions : Use the product in a well-ventilated area. If the area is not well-ventilated, use a local ventilator.

Storage

Storage precautions : Store the product at room temperature, out of direct sunlight. Keep it away from high temperature substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE FACILITIES :

Local Ventilator : Sufficient ventilation must be provided.
Allowable concentration : No information

Protective gear

Protective gear for respiratory : No respiratory protection is needed.
Protective gear for eyes : Wear eye protection when you cut it short.
Protective gloves : Wear protective gloves if rosin causes inflammation to your skin.
Protective clothing : No protective clothing is needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

APPEARANCE : Rosin coated copper braid
Volatility : No volatility
Ignition point : No information
Stability : Stable
Reactivity : Stable
Solubility : Rosin is insoluble in water; it is partly soluble in aromatic solvent, such as alcohol.

10. STABILITY AND REACTIVITY

Stability / Reactivity : No information
Ignition point : No information
Combustibility : No information
Spontaneous ignition : No information
Oxidation nature : Copper may be oxidized if left in the humid environment for a long time.

11. TOXICOLOGICAL INFORMATION (Including symptom of human and epidemical information)

Although the product is not irritant to skin, rosin in the product may cause allergic skin reaction.

12. ECOLOGICAL INFORMATION

Mobility

Degradation : No information

Bioaccumulation : No information

Toxicity for fish : No information

13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with regional regulations.

Waste wick to be disposed of contains solder, which can leach out depending on the environmental conditions. Take extra care to avoid such leaching.

14. TRANSPORTATION INFORMATION

Comply with the general transportation instructions.

15. REGULATORY INFORMATION

Fire Service Law: article 9-3 : The product fits into the combustible solid (3000kg) category of combustible materials.

Pollutant Release and Transfer Register (PRTR) Law: : Not applicable

16. OTHER INFORMATION

Reference: Manufacturer-issued MSDS

Established on NoV 22, 2005

Revised on Dec 1, 2015

This document has been prepared based on the information and data that are available as of this date. 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.