

Safety Data Sheet

Date of revision: February 6, 2024

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

Product name : Cleaning wire
Model No. : 599-029, A1561
Company name : Hakko Corporation
Address : 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka, 556-0024 Japan
Department in charge : Sales Division
Phone number : +81-6-6561-3225
Fax number : +81-6-6561-8466
Email address : cs@hakko.com
Recommended use : Soldering tip cleaner

SECTION 2: Hazards identification

GHS classification : Not classified by the criteria
GHS label elements : Not classified by the criteria

SECTION 3: Composition/information on ingredients

Category of chemical substance : Mixture
Chemical name or generic name : Tip cleaning wire

Ingredient name		Content (%)	CAS No.
Flux	Rosin	<0.02	8050-09-7
	Hydrogenated fatty acid	<0.18	Confidential
Brass		>99.8	—

SECTION 4: First-aid measures

If inhalation : If inhale the vapors generated during work and feel irritation in throat and nose, move to a well-ventilated area and rinse mouth and throat with water. Seek medical attention if necessary.
If on skin : Wash the contacted areas with water and soap as needed.
If in eyes : Flush with clean water for several minutes. Seek medical attention if irritation or injury occurs on eye(s).
If swallowed : Rinse mouth with water thoroughly and seek medical attention if necessary.

SECTION 5: Fire-fighting measures

Suitable extinguishing media : Water spray, foam fire extinguisher, powder fire extinguisher, carbon dioxide, and dry sand.
Unsuitable extinguishing media : Water jets
Specific fire-fighting measures : Move containers from fire area if it is safe to do so.
Remove ignition sources if it is safe to do so.
Special protective equipment and precautions for fire-fighters : Wear appropriate respiratory protection and chemical protective clothing (heat-resistant).

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SECTION 6: Accidental release measures

Personal precautions, protective	:	Wear protective gloves.
Equipment and emergency procedures	:	
Environmental precautions	:	Prevent the leakage from reaching sewers and public water bodies.
Methods and material for containment and cleaning up	:	Gather up and collect in an appropriate container.

SECTION 7: Handling and storage

Handling

Technical measures	:	Implement the engineering controls and wear PPE as described in "SECTION 8: Exposure controls/personal protection."
Exhaust/ventilator	:	Provide local exhaust ventilation and general ventilation as described in Section 8, Exposure Control/Precautions.
Safety Handling Precautions	:	Refer to precautionary statements for prevention measures in SECTION 2: Hazards identification.
Hygiene measures	:	After handling, wash hands thoroughly and gargle before smoking, eating, or drinking.

Storage

Storage conditions to be avoided	:	To prevent heat accumulation, ignition, and other changes, avoid the following. ①Direct sunlight ②High temperature and humidity ③Outdoor storage
Safe Container and Packaging Materials	:	Appropriate container and packaging materials.

SECTION 8: Exposure controls/personal protection

Adopted value

Japan Society for Occupational Health	:	Not set
ACGIH	:	0.001mg/m3 (TLV) :Rosin

Equipment measures	:	Process enclosure, local exhaust ventilation, and other equipment measures must be used.
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Protective equipment

Respiratory protection	:	Wear a respirator.
Hand protection	:	Wear protective gloves.
Eye/face protection	:	Wear eye protection.
Skin and body protection	:	Wear workwear, safety shoes, and others as required.

SECTION 9: Physical and chemical properties

Physical state	:	Solid
Color	:	Yellow ~ Brown
Odor	:	Distinctive odor
Melting point/Freezing point	:	Data not available
Boiling point	:	Data not available
Flammability	:	Data not available
Lower explosive limit (LEL) and upper explosive limit (UEL)	:	Data not available

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Flash point	:	Data not available
Auto-ignition temperature	:	Data not available
Decomposition temperature	:	Data not available
pH	:	Data not available
Viscosity, kinematic	:	Data not available
Solubility	:	Data not available
Partition coefficient n-octanol/water(log)	:	Data not available
Vapor pressure	:	Data not available
Density•Relative density	:	Data not available
Relative vapor density	:	Data not available
Particle characteristics	:	Data not available

SECTION 10: Stability and reactivity

Reactivity	:	When heated, it decomposes and emits irritating fumes.
Chemical stability	:	Considered stable under storage and handling conditions.
Possibility of hazardous reactions	:	May react with strong acids and alkalis.
Conditions to avoid	:	Keep away from direct sunlight and high temperature except a soldering iron.
Incompatible materials	:	Strong oxidizers, strong alkalis
Hazardous decomposition products	:	When burnt or heated, it decomposes and may emit irritating fumes.

SECTION 11: Toxicological information

Acute toxicity, oral	:	Classification not possible
Acute toxicity, dermal	:	Classification not possible
Acute toxicity, inhalation (gas)	:	Classification not possible
Acute toxicity, inhalation (vapour)	:	Classification not possible
Acute toxicity, inhalation (dust and mist)	:	Classification not possible
Skin corrosion/irritation	:	Classification not possible
Serious eye damage/eye irritation	:	Classification not possible
Respiratory sensitization	:	Classification not possible
Skin sensitization	:	Classification not possible
Germ cell mutagenicity	:	Classification not possible
Carcinogenicity	:	Classification not possible
Reproductive toxicity	:	Classification not possible
Reproductive toxicity/Lactation	:	Classification not possible
Specific target organ toxicity - single exposure	:	Classification not possible
Specific target organ toxicity - repeated exposure	:	Classification not possible
Aspiration hazard	:	Classification not possible

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SECTION 12: Ecological information

Ecotoxicity	:	Classification not possible
Persistence and degradability	:	Data not available
Bioaccumulation	:	Data not available
Mobility in soil	:	Data not available
Hazard to the ozone layer	:	Data not available

SECTION 13: Disposal considerations

Residual waste	:	For disposal, the chemical must be entrusted to a waste disposal company that has been approved by the prefectural governor.
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SECTION 14: Transport information

International regulations

UN number	:	Not classified by the criteria
Proper shipping name	:	Not classified by the criteria
Class or division	:	Not classified by the criteria
Packing group	:	Not classified by the criteria

Domestic regulations

Maritime regulation information	:	Not classified by the criteria
Aviation regulation information	:	Not classified by the criteria
Land transport regulation information	:	Not classified by the criteria

SECTION 15: Regulatory information

Industrial Safety and Health Act	:	Not classified
PRTR Act	:	Not classified
Poisonous and Deleterious Substances Control Act	:	Not classified

SECTION 16: Other information

Sources Manufacturer's SDS

This data is based on information and data available at the time of its creation and may be revised based on new findings.

The information provided is based on normal use conditions and the hazard assessment may not be complete. Therefore, please use the product in accordance with the intended use and application, and implement appropriate safety measures.

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