

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

Product name	:	Silicone grease
Model No.	:	A1028
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	:	Prevention of air leak of desoldering tools

SECTION 2: Hazards identification

GHS classification	:	Not classified by the criteria
GHS label elements	:	Not classified by the criteria
Other hazards not classified	:	No information available

SECTION 3: Composition/information on ingredients

Category of chemical substance /mixture	:	Mixture
Chemical name or generic name	:	Silicone grease

According to the Globally Harmonized System (GHS), it does not contain hazardous components.

SECTION 4: First-aid measures

If inhalation	:	Remove victim to fresh air immediately, and seek medical attention if necessary.
If on skin	:	Rinse with plenty of water.
If in eyes	:	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
If swallowed	:	In case of an accidental swallow, seek medical attention. Do NOT induce vomiting unless directed by a doctor.

SECTION 5: Fire-fighting measures

Suitable extinguishing media	:	Water spray, alcohol-resistant foam fire extinguisher, carbon dioxide (CO ₂), powder fire extinguisher.
Unsuitable extinguishing media	:	None noted
Special hazards arising from the substance or mixture	:	Harmful combustion byproducts: carbon monoxide, silicon dioxide, boron oxide, formaldehyde. Exposure to combustion products may cause health problems.
Specific fire-fighting measures	:	Take appropriate fire extinguishing measures considering the conditions and environments. Cool unopened containers with a water spray. Take undamaged items away from the fire area if it is safe to do so.

Special protective equipment and precautions for fire-fighters : Wear self-contained breathing apparatus as needed when fighting fires.
Wear appropriate personal protective equipment (PPE).

SECTION 6: Accidental release measures

Personal precautions, protective Equipment and emergency procedures : Follow the recommended personal protective equipment (PPE) instructions.
Environmental precautions : Do not release to the environment.
Stop leaks or spills after confirming safety.
Prevent the spread of the leak (by containment or oil barrier, etc.).
Store and dispose of contaminated cleaning water.
In case of a significant spill that cannot be collected, notify the local authorities.

Methods and material for containment and cleaning up : Absorb spilled material with inactive absorbents.
Remove spills with appropriate absorbents.
Release or dispose of in accordance with local and national regulations.
The same applies to the substances used for its release.
It is necessary to confirm which regulations apply.
In case of a large spill, take appropriate containment measures, such as building a dike.
If the materials used for the dike can be pumped out, store the collected substances in appropriate containers.
See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

Handling

Technical measures : Refer to SECTION 8: Exposure controls/personal protection
Safety Handling Precautions : Prevent leaks, waste, and environmental releases.
Follow good hygiene practices and handle in accordance with safety regulations.

Contact Avoidance : No information available
Hygiene measures : Follow good hygiene practices and handle in accordance with safety regulations.
Maintain good hygiene.
Do not eat, drink, or store food in areas where the product is being handled.
Wash hands before smoking or eating.

Storage

Storage conditions : Store in a container with appropriate labeling.
Storage conditions to be avoided : Do not store with oxidizing agents.
Safe Container and Packaging Materials : Inappropriate material : No information available

SECTION 8: Exposure controls/personal protection

Adopted value

Japan Society for Occupational Health	:	— Not configured.
ACGIH	:	— Not configured.

Equipment measures : If concentration limits are not established, general ventilation is sufficient for normal handling.

Safety Data Sheet

Date of revision: February 5, 2024

Protective equipment

Respiratory protection	:	Wear respiratory protection if respiratory irritation or discomfort occurs, or if risk assessment indicates it is necessary.
Hand protection	:	No special gloves required.
Eye/face protection	:	Wear eye protection.
Skin and body protection	:	Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

Physical state	:	Viscous liquid
Color	:	Semi-transparent white
Odor	:	Slight odor
Melting point/Freezing point	:	Data not available
Boiling point	:	>65°C
Flammability	:	Not applicable
Lower explosive limit (LEL) and upper explosive limit (UEL)	:	Data not available
Flash point	:	>200°C : Setaflash Closed – Cup Apparatus
Auto-ignition temperature	:	Data not available
Decomposition temperature	:	Data not available
pH	:	Data not available
Viscosity, kinematic	:	500000 cSt : 25°C
Solubility	:	Data not available
Partition coefficient n-octanol/water(log)	:	Data not available
Vapor pressure	:	Data not available
Density·Relative density	:	1.1
Relative vapor density	:	Data not available
Particle characteristics	:	Data not available

SECTION 10: Stability and reactivity

Reactivity	:	Not classified as reactive hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	May react with strong oxidizers.
Conditions to avoid	:	No information available
Incompatible materials	:	Oxidizers
Hazardous decomposition products	:	Formaldehyde

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

SECTION 12: Ecological information

Ecotoxicity		
Hazardous to the aquatic environment, acute aquatic toxicity	:	Data not available
Hazardous to the aquatic environment, chronic aquatic toxicity	:	Data not available
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	:	Dispose of by incineration or other methods in accordance with "Act on Waste Management and Public Cleansing" and local regulations. For disposal, the chemical must be entrusted to an approved waste disposal company.
Contaminated containers/packaging	:	Waste packaging containers must be disposed of in accordance with local regulations, after the contents have been removed sufficiently.

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

Fire Service Act : Synthetic resins, Others, (Designated quantity 3000kg), No open flames

Waste Disposal and Public Cleansing Law : Industrial waste

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.

Issue date : April 18, 2005

Revision date : February 5, 2024