

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: Cleaning sponge

Model: A1042,
 A1519, 602-029, 603-029 , A5038

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Not applicable

GHS LABEL ELEMENTS

PICTOGRAM OR SYMBOL : None

SIGNAL WORD : None

HAZARD INFORMATION : Not particularly hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

	Single-ingredient product or mixture:	Mixture	
Chemical name	Cellulose	Magnesium chloride (6-hydrate)	Cellulose pulp
Ingredient and its content	59 – 74 %	19 – 25 %	0 – 16 %
Chemical formula	(C ₆ H ₁₀ O ₅) _n (Basic molecular formula)	—	—
CAS No.	9004-34-6	7791-18-6	65996-61-4
ENCS No.	N/A	(1) -233	N/A

* Ingredient content is the content before using the product.

4. FIRST-AID MEASURES

Eye contact	:	Flush eyes with clean water completely and seek medical attention if eyes are still uncomfortable.
Skin contact	:	Wash with soap and water, if you feel irritation on skin. In the case of red skin or itching, seek medical attention.
Inhalation	:	N/A
Ingestion	:	Immediately induce vomit and seek medical attention in case of the sickness feeling. .

5. FIRE FIGHTING MEASURES

Extinguishing media	:	Use a class B extinguisher (such as dry chemicals, carbon dioxide etc.).
Special fire fighting procedures	:	Wear full protective clothing and a self-contained breathing apparatus.
Extinguishing media not to be used	:	Water or extinguish media containing moisture.
Unusual fire and explosion hazards	:	Non

6. ACCIDENTAL RELEASE MEASURES

Personal protection	:	See related instructions in other sections.
Removing procedures	:	Use a broom or vacuum cleaner.

7. HANDLING & STORAGE

Handling Exposure to hazardous substances is not likely to occur under normal conditions. Avoid contacting the product with oxidizing agents.

Protection against ingestion : N/A

Storage

Storage conditions : The normal storage method is acceptable, but take care not to give physical damage.

Store the product clear of oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Facilities and equipment : Use adequate local ventilation if polishing or grinding hardened objects with the product.

Use dilution ventilation or local ventilation to prevent product vapors or mist from stagnating in the working environment. Use a breathing apparatus if ventilation is not satisfactory.

Allowable concentration : Cellulose Japan Society for Occupational Health: TWA not established

ACGIH TLV: TWA 10 mg/m³

Magnesium chloride Japan Society for Occupational Health: TWA not established

ACGIH TLV: Not established

Cellulose pulp Japan Society for Occupational Health: TWA not established

ACGIH TLV: Not established

Protective gear

Protective gear for respiratory : Exposure to dust particles where a breathing apparatus is required is not likely to occur under normal conditions.

Avoid inhaling dust particles occurring during cutting or polishing.

Protective gear for eyes : Avoid contacting eyes with dust particles or airborne dust.

Wear the following apparatus singly or in conjunction with other protective gear to avoid eye contact:

Safety goggles

Protective gloves : Wear protective gloves and clothing matched to the exposure level.

Ask the manufacturer of the gloves and clothing about their compatibility to the conditions of use.

Protective clothing : Avoid contacting with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state, color, odor : Wet porous solid, various colors available

pH : N/A

Boiling point/range : N/A

Melting point/range : N/A

Flash point : Not measured, not known

Ignition point : Not measured, not known

Explosion range – Lower limit (%) : Not measured, not known

Explosion range – Upper limit (%) : Not measured, not known

Explosion percentage : 45 – 65 %

Vapor pressure : N/A

Vapor density	: N/A
Specific gravity	: N/A
Solubility in water	: Insoluble
Evaporation rate	: Approx. 1 (1 for water)
Viscosity	: ≤100 cps

10. STABILITY AND REACTIVITY

Stability / Reactivity	: Stable. Hazardous polymerization will not occur.
Materials to avoid	: Strong oxidizing agents Carbon monoxide (when burned), carbon dioxide (when burned)
Hazardous decomposition products	: Irritating volatiles or gases will occur when burned. Hazardous decomposition products may occur by application of heat or reaction with certain substances.

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

Eye contact	: Slightly irritating to eyes. Symptoms may include reddening, enlargement, ache, and tearing.
Skin contact	: Slightly irritating to skin. Symptoms may include reddening, enlargement, and itching.
Inhalation	: Will not cause health hazards. : May cause irritation to gastrointestinal tract.
Ingestion	: Symptoms may include ache, vomiting, abdominal oppressive pain, nausea, blood in vomit, and melena.
Other toxicological information	: Proper use of the product will not cause any health hazard.

12. ECOLOGICAL INFORMATION

Mobility	: Not known.
Degradation	: Not known.
Bioaccumulation	: Not known.
Toxicity for fish	: Not known.

13. DISPOSAL CONSIDERATIONS

This product does not become hazardous waste.

When burning, no toxic gas generates since it is of plant origin.

When tin solder adhere to a disposed sponge, it is noted that tin solder may elute out depending on the environmental condition.

14. TRANSPORTATION INFORMATION

Carefully protect the product from getting wet, load properly not to fall, drop, or damage, and securely prevent load collapse.

UN Classification and UN Number: N/A

15. REGULATORY INFORMATION

Industrial Safety and Health Law: N/A

PRTR Law: N/A

Air Pollution Control Law: N/A

Water Pollution Control Law: N/A

16. OTHER INFORMATION

Reference:

Established on August 19, 2003

Revised on August 25, 2017

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.