

SEKISUI FULLER

SAFETY DATA SHEET

Section 1: Identification: Product identifier and chemical identity

Product identifiers

Product name: P H C - 9 2 5 0
Product Number HM-PHC9250

Recommended use of the chemical and restriction on use:

For the case and carton sealing
(Do not use for any uses than specified.)

Company Details

Name of manufacturer Sekisui Fuller Company, Ltd.
Department in Charge Technical Division
Address 1259, Izumi Minakuti-cho Koka-city Shiga, 528-0056 Japan
Telephone number +81-(0) 748-62-8154
Fax number +81-(0) 748-62-8174

Emergency telephone number +81-(0) 748-62-8154

Section 2: Hazard(s) identification

Classification of the substance or mixture

Physical Hazards

Not classified

Health Hazards

Eye damage/irritation Category 2B
Specific target organ toxicity (single exposure) Category 3 (Respiratory tract irritation)

Environmental Hazards

Not classified

Label elements

Sign or symbol:



Warning word: Warning

Hazard information: **Eyes:** May cause eye irritation.
Inhalation: May cause respiratory tract irritation.

In US and EU, the product is not classified as Health Hazard for GHS classification.

Section 3: Composition and information on ingredients

Single Substance/Mixture Mixture

Compositions

Ingredient name	CAS No.	Content (%)
Polyolefin	Registered	70-90
Synthetic Resin	Registered	
Wax	8002-74-2	10-30
Antioxidant	Registered	Less than 0.5

Section 4: First aid measures

Description of first aid measures

Eye contact: If molten product contacts eyes, cool down with water and seek medical examination immediately.

Skin contact: If molten product contacts skin, cool with running water.
Get medical examination.

Inhalation: Transfer patient to fresh air and keep at rest in a position comfortable for breathing.
If symptoms (e.g. headache) continue, call a doctor/physician.

Ingestion: After the water or milk has been swallowed, try to get patient to vomit.
Get immediate medical examination.

Other information

No information

Section 5: Firefighting measures

Suitable extinguishing media

Use dry chemical powder, fire foam or carbon dioxide.

Unsuitable extinguishing media

Water jet

Special protective equipment and precautions for firefighters

Wear suitable self-contained breathing apparatus and heat resistant protective clothing for eyes and skin.

Further information

May produce carbon monoxide or carbon dioxide by inflammation.

Cut off any ignition sources and extinguish the fire with an appropriate agent.
In case of a large fire, shut off the air using fire foam.
Cool the surrounding equipment with direct water jet to avoid risk of fire spreading.
Take action from windward. Avoid breathing toxic gases.

Section 6: Accidental release

Personal precautions, protective equipment and emergency procedures

Keep out except responsible personnel (e.g. stretch a rope) from the spilled area.
Take action from windward. Evacuate people downwind from the leakage.
Wear suitable protective equipment described in "Section 8: Exposure controls and personal protection".

Environmental precautions

Quickly remove ignition sources from the surrounding. Prepare the appropriate fire extinguisher.
Prevent leakage of adhesive by embankment with e.g. sand, soil and sandbag.
Avoid leakage into the environment because product may cause local affect.

Methods and materials for containment and cleaning up

Large spill :Move containers from spilled area. Approach leakage from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material after cooling and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Small spill :Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Other information

No information

Section 7: Handling and storage, including how the chemical may be safely used

Precaution for safe handling

Technical measures	Use melting and coating equipment designed for hot melt adhesive. For molten product use safety glasses, thermal insulating gloves and other clothing as necessary to protect from thermal burns. Molten product temperature should be within the range written on the handling manual of product.
Precautions such as local/total ventilation	Install local ventilation/general ventilation described in " Section 8: Exposure controls and personal protection". Handle this product at the place operating local ventilation/general ventilation.
Precautions for safe handling	Provide adequate ventilation in workplace. Wear suitable protective equipments (See Section 8) to prevent contact with human skin. Take precautionary measures against static discharge. Wash hands & face and gargle the throat after handling.

Take off contaminated clothing and wash it before reuse.

Conditions for safe storage

Technical measures	Install appropriate equipment and wear suitable protective apparatus described in "Section 8: Exposure controls and personal protection".
Incompatible materials and mixtures	No information
Conditions for safe storage	Store inside a building to secure no contact of water. Do not store in a place at 35°C or above 35°C. Avoid sunlight and humidity. Store in an indoor and cool place. It is desirable to lock and keep it.
Packing material	Use a clean container without damage or leakage.

Other information

No information

Section 8: Exposure controls and personal protection

Exposure Standards

ACGIH TLV-TWA	No data
ACGIH TLV-STEL	No data
NOHSC:1003 TWA	No data
NOHSC:1003 STEL	No data

Engineering controls

In case of dust or vapour generation in the handling place, use local exhaust ventilation systems.

Personal protective equipment

Eye and face protection:	If it is possible the product may get into eyes, wear safety glasses or goggles.
Skin protection:	If hand contact is possible, wear thermal insulating gloves.
Body protection:	Wear long-sleeved work clothes and protective apron.
Respiratory protection:	Wear gas mask or oxygen mask.

Section 9: Physical and chemical properties

General information

Appearance (physical state, form and colour):	Solid (colour: milky white,)
Odour:	Almost odourless
pH:	Unmeasurable
Melting point/freezing point:	95°C~115°C
Initial boiling point and boiling range:	No information
Flash point:	Over 210°C
Evaporation rate:	No information
Flammability:	No information
Upper/lower flammability or explosive limits:	No information
Vapour pressure:	No information

Vapour density:	No information
Relative density:	ca. 0.95 (23°C)
Solubility(ies):	Insoluble in water
Partition coefficient: <i>n</i> -octanol/water:	No information
Auto-ignition temperature:	No information
Decomposition temperature:	No information
Non-volatile component:	100%

Section 10: Stability and reactivity

Reactivity	Stable under normal handling condition.
Chemical stability	Stable under normal handling condition.
Possibility of hazardous reactions	Stable under normal handling condition.
Conditions to avoid	Unusual prolonged heating.
Incompatible materials	No information

Section 11: Toxicological information

Information on toxicological effects

Information on product:

Serious eye damage or eye irritation:

Although this product contains 10-30% of the ingredient of Category 2B, the product is considered to be "Not classified" as it does not scatter.

Target organ toxicity - single exposure:

Although this product contains 10-30% of the ingredient of Category 3, the product is considered to be "Not classified" as it does not scatter.

Section 12: Ecological information

Ecotoxicity

Information on product: No information

Persistence and biodegradability No information

Bioaccumulative potential No information

Other adverse effects No information

Section 13: Disposal Conditions

General information

Dispose of waste in accordance with applicable local, regional and international regulations and standards.

When disposing, consult to a certificated waste trader or local offices if they deal with the waste.

If entrusted with the disposal of waste to external contractors, inform the waste contractors of sufficient hazard information prior to the consignment.
Containers are to be reused or recycled after cleaning if possible, or disposed of in accordance with related laws and regulations.
Containers should completely be cleaned up before disposal.

Section 14: Transportation Measures

International regulations

Land (according to ADR/RID)

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Subsidiary risk	Not applicable
UN Packing group	Not applicable

Sea (according to IMO)

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Subsidiary risk	Not applicable
UN Packing group	Not applicable
Marine pollutant	Not applicable
Transport in bulk according to MARPOL 73/78, Annex II and the IBC Code	Not applicable

Air (according to ICAO/IATA)

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Subsidiary risk	Not applicable
UN Packing group	Not applicable

Special precaution for users

When transporting, confirm no damage to containers. Load to prevent fall or falling down containers and take preventive measures of collapse.
Transport the container without friction or Intense rolling.
If disaster occurs during transportation, take emergency measure and inform relevant organizations.
Do not transport with food and feedstuff.

Additional information

No information

Section 15: Regulatory information

MITI: All ingredients in this product are on the inventory.
Fire fighting law: Specified combustible material

(Classified same as synthetic resin)

Labor Health and Safety Law (Japan): Waxes, Paraffin

PRTR (Pollutant Release & Transfer Register) Law (Japan): Not applicable

Section 16: Any other relevant information

Update history:

Date of issue: February 9, 2015

Literature references:

- 1) Chemicals Safety Data Sheet (MSDS) Part 1: Content and Order of Items
- 2) Guideline for MSDS Edition (Revised Edition) by Japan Chem. Ind. Assoc.
- 3) GHS Classification Database, Site of National Institute of Technology and Evaluation
- 4) Hazard Handbook of Chemicals by Japan Industrial Safety and Health Association

[Disclaimer]

This SDS has been prepared based on our best knowledge regarding the product and safety/hazard information which can be obtained at the time of the preparation, however, care should be made because contents may not be sufficient. In case new findings become available, descriptions in this SDS can be updated as appropriate. Please consider that precautions in this SDS only cover normal handling conditions and additional safety measures should be taken for special situation which are suitable your own usage or purposes.