

Material Safety Data Sheet

May be Used to Comply with
OHSHA's Hazard Comunication Standard,
29 CFR 1910,1200. Standard must be
consulted for specific requirements.

Reference Number: KB1001

IDENTITY (As Used on Label and List) Micropearl KB (KB,KBN,KBD,KBS) type	Note: Blank spaces are not permitted if any items is not applicable, or no information is available, the space must be marked to indicate that.
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Section 1. Product Identification

Manufacturer's Name SEKISUI CHEMICAL CO., LTD.	Emergency Telephone Number +81-(0)748-62-7110
Address (Number, Street, City, State, and ZIP Code) 1259 Izumi Koka-City Shiga 528-8585 Japan	Telephone Number for information +81-(0)748-62-7110
Signature of Preparer(optional) Q.A.Section, Fine Chemical Production Department, Shiga Minakuchi Plant	Date Prepared April/1/2000
	Date Revised April/20/2016

Section 2. Hazard Identification

GHS classification:

Physical and chemical hazard:	Solid liable to spontaneous combustion	N/A
Health hazard:	Acute oral toxicity	N/A
	Skin corrosion/irritation	N/A
	Serious eye damage/eye irritation	N/A
	Carcinogenicity	Class 2
	Specific target organ/systemic toxicant (Repeated exposure)	Class 2 (Respiratory system)
Environmental hazard:	Aquatic environment chronic toxicity	N/A

* Ones not described here are not objects for classification or not classifiable.

Label factor
Pictograph or symbol



Safety reminder:
Warning:

Warning
[safty measure]
Do not handle the material until all warning descriptions are read and understood.
Before start using the material, acquire the instruction manual.
Avoid eating, drinking, or smoking when handling this material.
Use personal protective equipment and exhaust system to avoid exposure.
If ventilation is insufficient, wear respiratory protective equipment.
Wear gloves.
[First aid treatment]
If inhaled, remove to fresh air and keep a patient at a posture that eases breathing.
In case of skin contact, wash thoroughly with soap and a copious amount of water.
If re-using a contaminated cloth, wash the cloth beforehand.
If exposed or concerned to be exposed, seek medical attention.
If feeling sick, seek medical attention.
If there is a ventilation problem, seek medical attention.
If skin is irritated or anthema occurs, seek medical attention.
[Disposal]
Consign disposals of contents and containers to a waste disposer authorized by a prefectural governor.

Section 3. Composition/Information on Ingredients

Nature of Composition : Substance(co-polymer)
Chemical Designation : Divinylbenzene polymer

[IUPAC Name]	[Chemical Name]	[CAS No.]	% (optional)
Benzene, diethenyl-,polymer	Divinylbenzene polymer	434285-53-7	97 to 94 %
Carbon black	Carbon black	1333-86-4	3 to 6 %

Section 4. First aid Measures

When gets in eye:

Immediately and thoroughly wash the eye with flowing water and consult with an ophthalmologist.

When clings to skin:

Wash off the compound using water and soap. If inflammation takes place, seek a physician's counsel.

When inhaled:

Rinse the mouth and nose. If illness is felt, expose the person to fresh air and keep him in rest.

When swallowed:

Compel to drink much water and vomit. (or rinse the mouth but do not compel to vomit)
And immediately seek a physician's counsel.

Section 5. Fire Fighting Measures

Extinguishing method:

Eliminate the source of fire, and extinguish the fire using appropriate agents, standing to the windward of fire.

Extinguishing agents:

Powder or carbon dioxide.

Section 6. Accidental Release Measures

Method of removal:

Cleaning by vacuum cleaner. Wipe by wet clothes or papers.

Section 7. Handling and Storage

Handling

Take caution not to inhale. Wear long sleeve protective clothing, gloves(rubber), protective mask and glasses, to prevent contacting with skin or eye.

Provide air ventilation and avoid high humidity.

Storage

Store the product in good order in the pre-determined place.

The product should be seal up and kept in a dark place, and avoid high humidity.

Section 8. Exposure Controls/Personal Protection

Control concentration: Not regulated.

Permissible concentration

Respiratory dust (less than 7.07 µm): 2mg/M3

Total dust: 8mg/M3

Accommodation: Local exhaust devices for indoor working space.

Protective wears

For breathing: Dust mask .

For hands: Gloves(rubber).

For eyes: Protective glasses.

For skin and body: Long sleeve work clothing (to prevent direct contact).

Section 9. Physical and Chemical Properties

Exterior: Black powder

Odor: None

Specific gravity: 1.22

Vapor pressure: 0 Pa

Ignition point: N/A

Combustibility: None

Self-reactive: None

Combustibility(spontaneous combustibility, water reactivity): None

Powder explosibility: In case of polystyrene,20g/m³ (490°C or above)

Solubility in solvent: Insoluble in water, ethanol, and acetone

Octanol-water partition coefficient log Po/w: Insoluble in both octanol and water

Melting point: None

Boiling point: None

Volatility: None

Flashing point: N/A

Explosion limit: N/A

Oxidizing characteristics: None

Section 10. Stability and Reactivity

Stability: Stable

Reactivity: None

Condition to be avoided: N/A

Section 11. Toxicological Information

Skin corrosivity: None

Irritant property (Skin and eye): Physical action as a foreign object

Causing sensitivity: N/A

Acute toxicity: [Carbon black] Oral [LD0] :N/A when 8000 mg/Kg bw(IUCLID(2000)) or more is given

Chronic toxicity: Not known.

Carcinogenicity [Carbon black]

IARC: 2B (Could be carcinogenicity)

Japan Society for Occupational Health: Group 2B (Could be carcinogenicity)

Mutagenicity(Chromosomal aberration to microbe): Negative (Ames test)

Reproductive toxicity: N/A

Teratogenic potential: N/A

Specific target organ/systemic toxicant

Group 2 (from the content ratio at Carbon black; Group 1[lung])

Others(Including a case that generates hazardous gas by reacting with water):Not reactive with water

Section 12 Ecological Information

This product will not be decomposed in water or in soil.

Section 13. Disposal Considerations

This product destroys by fire.

Section 14. Transport Information

The goods are safe for air transportation under the regulations of IATA.

Check leakage and container damage before the transportation.

Place on board in a way to prevent tumbling, dropping, damaging or collapse of load.

UN Number: Not Restricted

UN class : Not Restricted

Section 15 Regulatory Information

Fire Services Act: Not applicable.

Labor Safety & Hygiene Law: Notifiable Substances(Law Art.57-2, Enforcement Order Art. 18-2 Attached Table No.9)
[Carbon black]

PRTR Law: Not applicable.

Section 16 Other Information

Miscellaneous:

The above fire hazard and health hazard informations are not necessarily sufficient.

However, customers should deal with this product carefully at their own risk, referring to this data sheet and paying consideration to the existing circumstances, when storing, handling or using it.

The above mentioned physical/chemical property data are not intended for guarantee.

Belong : Q.A.Section, Fine Chemical Production Department, Shiga Minakuchi Plant

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