

SAFETY DATA SHEET

1. Product and Company Information

Product name: KANEVINYL S1003

Manufacturer: KANEKA CORPORATION
Address: 2-3-18, Nakanoshima, Kita-ku, Osaka, Japan
Department in charge: Technology Team,
R&B Technology Group,
Vinyls and Chlor-Alkali Solutions Vehicle

Person in charge: Head of R&B Technology Group
Phone number: +81-6-6226-5356
Fax number: +81-6-6226-5345

Emergency access: KANEKA CORPORATION
PVC Team (Tokyo)
Phone number: +81-3-5574-8020
Reference Number: SK-08E

2. Hazards Identification

Physicochemical effects: Not available
Health effects: Not available
Environmental effects: Not available
GHS classification : Classification not possible or not applicable

3. Composition / Information on Ingredients

Distinction of substance / mixture: Substance
Chemical name: Polyvinyl chloride
General name: Polyvinyl chloride resin (PVC resin)
Chemical formula and content: $(\text{CH}_2\text{-CHCl})_n$, 99 % or more
Classification number in the official gazette:
6-66 (Japanese Chemical Substances Control Law)
CAS number: 9002-86-2

4. First Aid Measures

Inhalation: If inhaled abundantly, consult a physician.
Skin Contact: Rinse with water.
Eye Contact: Do not rub the eyes. Rinse with water for at least 15 minutes, and consult a

Ingestion: physician.
If ingested abundantly, consult a physician.

5. Fire Fighting Measures

Fire Fighting Instruction: Extinguisher must use air breathing apparatus.
Extinguishing Agent: Water, dry chemical extinguishing agents or foam extinguishing agents.
Others: Irritant gas is emitted when burnt.
Major component of gas : HCl, CO and CO₂.

6. Accidental Release Measures

Collect the diffused powder in empty containers with protective gears.

7. Handling and Storage

Handling: Handle under well ventilation with protective gears.
Do not expose to fire. Do not diffuse.
Storage: Avoid exposure to direct sunlight, and store at a well ventilated, cool and dark place.

8. Exposure Controls / Personal Protection

Exposure control: Not applicable
Exposure limit values:
Japan Society for Occupational Health: None
ACGIH: 1mg/m³(ACGIH TLVs and BEIs, 2010)
Engineering controls:
Desirable to install ventilators with dust filters where diffusion tends to occur.
Protective gears:
Use the following protective gears when necessary.
Respirators: Dust masks in operation, and air breathing apparatus mask in case of fire.
Protective spectacles: Dustproof spectacles.
Protective gloves: Protective gloves.
Protective clothes: Not required generally.

9. Physical and Chemical Properties

Appearance: White powder
Boiling point: Not available
Melting point: Not available
Vapor pressure: Not available
Volatility: Not available
True specific gravity: 1.4 (20 °C)
Solubility: Not soluble in water

10. Stability and Reactivity

Stability, Reactivity: Stable under normal handling conditions.
Condition to avoid: Do not expose to fire
Hazardous decomposition products: Irritant gas(HCl) is emitted when burnt.
Ignition temperature: 391 degrees C ¹⁾
Flash ignition temperature: 454 degrees C ¹⁾
Combustibility: Self-extinguishing resin with oxygen index of approx 45. ²⁾
Ignitability: Not ignitable in room temperature.
Oxidative property: Stable in room temperature.
Dust explosiveness: Stable in terms of dust explosiveness.

11. Toxicological Information

Unclear, but no case known to show hazardousness.

12. Ecological information

Degradability: Unknown
Accumulativeness: Unknown
Toxicity to fish: Unknown

13. Disposal Considerations

Gather in an appropriate container and dispose in accordance with appropriate local regulations.

14. Transport Information

Avoid damage to containers and collapse of cargo.
UN Number: Not classified as dangerous material.

15. Regulatory Information

Please consult the regulations of the importing country.
If you have questions, please contact us.

16. Other Information

- 1) Plastics Data Handbook
Edited by Kimimasa Itoh, Kogyo Chosakai Publishing Co., Ltd. (1980), Page 116.
- 2) Same as above, Page 110.

The contents herein are based on documents, information and data available at the time of press. However, no guarantee is extended as to the physical / chemical characteristics and dangerousness. Cautions are meant for normal conditions of handling. Appropriate safety measures must be taken for each special conditions of handling.
