

First issue: January 1, 2005

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SAFETY DATA SHEET

1. Product and Company Information

Product name: KANEKA CPVC H829

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
Osaka Plant, Synthetic Resin Section
Phone number: +81-72-650-2694

Reference Number: H-13E

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: Chlorinated polyvinyl chloride
General name: Chlorinated polyvinyl chloride resin (CPVC resin)
Chemical formula and content: $(\text{CHX-CHY})_n$, X=H or Cl, Y=H or Cl, 99 % or more
Classification number in the official gazette:
6-75 (Japanese Chemical Substances Control Law)
CAS number: 68648-82-8

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 physician.
Ingestion: 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: None
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 applicable
Melting point: Not applicable
Vapor pressure: Not applicable
Volatility: Not applicable
True specific gravity: 1.4~1.55 (20 degrees 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 at room temperature.

Oxidative property: Stable at 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

Incinerate by incinerators with exhaust gas treatment facilities, or landfill as non-dangerous waste.

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.
