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SAFETY DATA SHEET

1. Product and Company Information

Material name: KANEVINYL PASTE PCH-175

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
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Emergency access: KANEKA CORPORATION
Paste Team (Tokyo)
Phone number: +81-3-5574-8021

Reference Number: PC-05E

2. Hazards Identification

Physicochemical effects: Not Available
Health effects:
- Skin sensitization Not classified according to GHS
- Carcinogenicity Not classified according to GHS
Environmental effects: Not Available

3. Composition / Information on Ingredients

Distinction of substance / mixed material: Substance

Chemical name: Vinyl chloride - Vinyl acetate copolymer
General name: Polyvinyl chloride resin (PVC resin)
Chemical formula and content: $(\text{CH}_2\text{-CHCl})_n\text{-}(\text{CH}_2\text{-CHOAc})_m$, 99 % or more
Vinyl acetate = 0.1~0.3% (Residual monomer)

Serial no. of government gazette in Japan:
Vinyl chloride • vinyl acetate copolymer = 6-76 (A)
Vinyl acetate = 2-728 (A • B)

CAS number: Vinyl chloride • vinyl acetate copolymer = 9003-22-9
Vinyl acetate = 108-05-4

(A) The Law concerning Examination and Regulation of Manufacture, etc. of Chemical Substances

(B) Industrial Safety and Health Law

4. First Aid Measure

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 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

Concentration control: Not Applicable

Permissible concentration:

Japan Society for Occupational Health: None

ACGIH: None

Measures for facilities:

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 (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

Information on products

- | | |
|----------------------|---------------------------------|
| - Skin sensitization | Not classified according to GHS |
| - Carcinogenicity | Not classified according to GHS |
| - Other | Not Available |

The following shows the information for each component

- Vinyl chloride • vinyl acetate copolymer :
 - Unknown, but there are no cases which indicate harmful effect.
 - Vinyl acetate :
 - Skin sensitization : The positive reaction was observed in 6 guinea pigs out of 20 in the Buehler skin sensitization test using guinea pig. ³⁾ Based on this result, it is classified as “Category 1” according to GHS.
 - Carcinogenicity : Based on the classification of A3 by ACGIH ⁴⁾ and Group 2B by IARC ⁵⁾, it is classified as “Category 2” according to GHS.
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12. Ecological information

Decomposability:	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.
