Polyvinyl Chloride

EAST HARBOUR GROUP

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:	Polyvinyl Chloride
CAS Number:	9002-86-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Laboratory chemicals, Industrial & for professional use only.

1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd
20 Clough Road, Severalls Industrial Park
Colchester, Essex, CO4 9QS
United Kingdom

Telephone: +44 (0) 333 242 0100
Email: info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

Section 3: Composition/information on ingredients

3.1 Substances

Synonyms	PVC
Formula	$(C_2H_3Cl)_n$
CAS Number	9002-86-2

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No components need to be disclosed according to the applicable regulations

Section 4: First aid measures

4.1 Description of first aid measures

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eye with water as a precaution
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Hydrogen chloride gas

5.3 Advice for firefighters

Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.
For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

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Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections
For disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): Combustible solids.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with workplace control parameters

Component	CAS-No.	Control parameters	Value	Basis
poly(vinyl chloride)	9002-86-2	TWA	10 mg/m3 inhalable dust	UK. EH40 WEL -Workplace Exposure Limits
		TWA	4 mg/m3 respirable dust	UK. EH40 WEL - Workplace Exposure Limits

8.2 Exposure controls
General industrial hygiene practice.

8.3 Personal protective equipment
Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Respiratory protection: Respiratory protection is not required. Wear protection from nuisance i.e. (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: No special environmental precautions required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colour: White
Physical State	Form: Powder
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting Point/Range	No data available
Boiling Point/Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Explosion Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	1.4 g/mL at 25 °C
Water Solubility	No data available
Partition Coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

9.2 Other safety information

No data available

Section 10: Stability and Reactivity

10.1 Reactivity	No data available
10.2 Chemical Stability	Stable under recommended storage conditions
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	Hazardous decomposition products formed under fire conditions – Carbon oxides, Hydrogen chloride gas. Other decomposition products – No data available In the event of fire: see section 5

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Section 11: Toxicological Information

11.1 Toxicological effects:
Acute toxicity
No data available (Ethene, chloro-, homopolymer)
Skin corrosion/irritation
No data available (Ethene, chloro-, homopolymer)
Serious eye damage/eye irritation
No data available (Ethene, chloro-, homopolymer)
Respiratory or skin sensitisation
No data available (Ethene, chloro-, homopolymer)
Germ cell mutagenicity
No data available (Ethene, chloro-, homopolymer)
Carcinogenicity
This product is or contains a component that is not classifiable as to its classification. (Ethene, chloro-, homopolymer)
(Ethene, chloro-, homopolymer)
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity
No data available (Ethene, chloro-, homopolymer)
Specific target organ toxicity - single exposure
No data available (Ethene, chloro-, homopolymer)
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available (Ethene, chloro-, homopolymer)

Additional Information
RTECS: KV0350000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (Ethene, chloro-, homopolymer)

Section 12: Ecological Information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

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12.4 Mobility in soil
No data available (Ethene, chloro-, homopolymer)

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No data available

Section 13: Disposal considerations

13.1 Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

Section 14: Transport Information

14.1 UN number
ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name
ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

14.3 Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -

14.4 Packaging group
ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards
ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for users
No data available

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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Section 15: Regulatory Information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

Section 16: Other Information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.