



PT. SULFINDO ADIUSAHA

MATERIAL SAFETY DATA SHEET

POLY VINYL CHLORIDE

Disiapkan oleh SHE Manager	Disahkan oleh Collective GM	NO. DOKUMEN : TBL-QSE-SHE-008
		NO. REVISI : 1
		TGL. BERLAKU : 25 Juni 2020
		HALAMAN : 1/5

1. Identification of the substance/preparation and the company / undertaking :

Identification of the product

Product Name : Poly Vinyl Chloride

Other Name : PVC

Manufacturer / Supplier identification

Company : PT. Sulfindo Adiusaha, Serang – Banten, Indonesia

Contact for information : Telp : **+6221 525 8300**

Fax : **+6221 525 8399**

Emergency phone no : **+62254 575 0035 ext 3203**

2. Information on ingredients

CAS-No : 9002-86-2

Molar mass : 60,000-150,000 (average)

Molecular form : $(CH_2CHCl)_x$

Form : Powder, granular

3. Hazard identification :

Pictogram

No Symbol

Signal Word

Non Hazardous Material

Hazard identification :

Inhalation of dust or decomposition fumes leads to respiratory distress.

Can cause irritation to eye like that entrance of foreign object at body.

High temperature have to avoid (normal processes temperature 350°F) because improving decomposition evolution of hydrogen chlorine and VCM.

This chemical/material is combustible.

Fires associated with this compound should be controlled using a dry chemical, carbon dioxide (CO₂) or non holan fire extinguisher.

Precautionary Statement :

Keep out of reach of children.

Do not handle until all safety precautions have been read and understood.

Wear acid gas cartridge with a dust/mist filter, gloves, goggle, and helmet.

Keep in the cold, dry area, good ventilation from heat area, blaze and sprinkling of fire.



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4. First aid measured

After eye contact :

First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or medical center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

After inhalation

IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing.

After skin contact

No available

After swallowing :

No available

5. Fire fighting measure :

Nature of material :

This chemical is combustible.

Suitable extinguishing media :

Dry chemical, carbon dioxide (CO₂) or non halon fire extinguisher.

Special risk :

Dirt on the air maybe explosion or blaze by itself if contact with surface of heat, flame or firework. flammable gas at 570°C.

Special protective equipment for fire fighting :

Extinguisher have to wear SCBA to take care of smoke exposed. Fires associated with this compound should be controlled using a dry chemical, carbon dioxide (CO₂) or non halon fire

6. Accidental release measures :

Small leakage :

No available

Big leakage :

No available

Personal Protective Equipment used:

Where the neat test chemical is weighed and diluted, wear a NIOSH-approved half face respirator equipped with an organic vapor/acid gas cartridge with a dust/mist filter , gloves, goggle, and helmet.



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7. Handling and storage :

Handling :

Attention the prohibition order after empty container. Do not cutting, grinding or welding at near container.

Prevention to exposure :

Used personal protective equipment and ventilation to prevent accumulate from Vinylchloride smoke.

Storage :

You should protect this material from exposure to light, and store it in a refrigerator, dry area, good ventilation from heat area, blaze and sprinkling of fire.

Requirements for storage rooms and containers :

Keep in the cold, dry area, good ventilation from heat area, blaze and sprinkling of fire.

Take care of container to be always closed if do not be used.

8. Exposure control / personal protection:

Technical exposure :

Ventilation

Personal protective equipment :

Where the neat test chemical is weighed and diluted, wear a NIOSH-approved half face respirator equipped with an organic vapor/acid gas cartridge with a dust/mist filter , gloves, goggle.

9. Physical and chemical properties :

Form		powder
Odour		odourless
Colour		white
pH value		no
Melting temperature		212 °C
Ignition temperatur		391°C (735°F)
Flash point		>200° F
Explosion limit	lower	No available
	upper	No available
Relative vapour density		No available
Density		1.164 kg/liter
Solubility in water		<1 mg/mL at 73° F

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10. Stability and reactivity

Reactivity :

no information available

Stability :

very stable

Condition to be avoided :

High temperature

Substances to be avoided :

Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride.

Hazardous decomposition products

Materials yielding heat, including Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride.

11. Toxicological information :

Threshold limit value : 0.1 ppm

Further toxicological information

After eye contact

Irritation

After skin contact

: No available

Swallowed LD 50

: No available

Inhalated LC 50

: Out of breath

Local Effect

: No available

Short explanation (acute)

: No available

12. Ecological information :

Environment effect :

No available

Environment degradation:

No available

Bio acumulation :

No available

13. Disposal Consideration

No available

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14. Transport information

International Rules :

DOT rules or your country rules.

Transport over land :

Wingbox truck, container truck

Sea transportation :

Container ship

Air transportation :

no available

15. Regulatory Information :

Ministry of Indonesian Man Regulation No. KEP. 187/MEN/1999 about Controlling of Hazardous Chemical Materials in Working Place, section III about Determined of Hazardous Potential of Refer to The Government of Republic Indonesia regulation (number 74 year 2001) for Handling of Hazardous Materials.

16. Other Information

Revison 1. June 2020

The information given corresponds to the current state of our knowledge and experience of the product.

This applies to product which conforms to the specification, unless otherwise stated.

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