1. PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th>Item Name</th>
<th>Poly(vinyl chloride)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Name</td>
<td>PVC</td>
</tr>
<tr>
<td>Manufacturer Name</td>
<td>PT. ASAHIMAS CHEMICAL</td>
</tr>
<tr>
<td>Address</td>
<td>Jalan Raya Anyer KM 122 Anyer, Banten, Republic of Indonesia</td>
</tr>
<tr>
<td>Telephone</td>
<td>62-254-601252</td>
</tr>
</tbody>
</table>

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Item Name</th>
<th>Poly Vinyl Chloride</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>(CH₂ CHCl)n</td>
</tr>
<tr>
<td>CAS No.</td>
<td>9002-86-2</td>
</tr>
<tr>
<td>Hazard risk</td>
<td>-</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

**Potential Health Effects**
Not applicable to classification standards. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

**Danger**
None

**Hazardousness**
Not classifiable as to its carcinogenicity in humans (IARC, August 2003)

4. FIRST AID MEASURES

**Inhalation**
Remove from exposure to fresh air immediately.

**Ingestion**
Do not induce vomiting. Allow the victim to rinse his mouth and then to drink 2-4 cupfuls of water, and seek medical advice.

**Skin Contact**
Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

**Eye Contact**
Do not rub, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids.

**Antidotum Information**
5. FIRE FIGHTING MEASURES

*Fire Extinguishing Media*
In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

*Special Information*
As in any fire, wear a self-contained breathing apparatus in pressure-demand, OSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases by major component of HCl, CO and CO2 may be generated by thermal decomposition or combustion.

6. EXPLOSION MEASURES

*Concentration control*
Not Applicable

*Permissible Concentration*
None

*Measure for facilities*
Desirable to install local ventilators with dust filters where diffusion tends to occur.

7. ACCIDENTAL RELEASE MEASURES

Use suitable personal protective equipment as indicated in section 9.

*Spills/Leaks*
Clean up spills immediately, observing precautions in the Protective equipment section.9
Sweep up, then place into a suitable container for disposal.

8. HANDLING AND STORAGE

Use suitable personal protective equipment as indicated in section 9.

*Handling*
Do not expose to fire. Do not diffuse.
Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

*Storage*
Avoid exposure to direct sunlight and store in a cool, dry and well ventilated place. Keep container closed when not in use.
9. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Airborne Exposure Limit**
ACGIH recommendation is 5 mg/m$^3$ for respirable portion and 10 mg/m$^3$ for total dust.

**Skin Protection**
Wear appropriate protective gloves and clothing (not required generally) to prevent skin exposure.

**Eye Protection**
Wear safety glasses or dustproof spectacles if exposure is reasonably probable.

**Respiratory Protection**
Wear dust masker.

10. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance**: White powder
- **Boiling point**: Not applicable
- **Vapor Pressure**: Not applicable
- **Vapor Density**: Not applicable
- **Volatility**: Not applicable
- **Specific Gravity**: 1.4 g/cm$^3$ (20°C)
- **Solubility in Water**: Not soluble in water
- **Decomposition Temperature**: Not applicable

11. STABILITY AND REACTIVITY

- **Ignition Temperature**: 391°C
- **Flash ignition Temperature**: 454°C

**Combustibility**
Self-extinguishing resin with oxygen index of approximately 45

**Oxidative property**
Stable under normal temperatures and pressures.

**Dust explosiveness**
Stable in terms of dust explosiveness

**Stability / Reactivity**
Stable under normal handling condition.

**Hazardous Decomposition Product**
Hydrogen chloride, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
Hazardous Polymer
Unclear, but no case known to show hazardousness

Incompatibilities
Strong oxidizing agents - heat - light.

Condition to Avoid
Incompatible materials, strong oxidants.

12. TOXICOLOGICAL INFORMATION
Quantitative data on the toxicity of this product are not available. Hazardous properties can not be excluded but are unlikely when the product is handled appropriately. The product should be handled with the care usual when dealing with chemicals.

13. DISPOSAL CONSIDERATIONS
Dispose of in a manner consistent with federal, state, and local regulations. Incinerate by incinerators with exhaust gas treatment facilities, or landfill as non-dangerous waste.

14. TRANSPORT INFORMATION
DOT Proper Shipping Name : No special regulation
DOT PSN CODE : ZZZ
IMO Proper Shipping Name : Polyvinyl Chloride
IMO PSN CODE : ZZZ
IATA Proper Shipping Name : Polyvinyl Chloride
IATA PSN CODE : ZZZ

Cautions upon transportation
Avoid damage to containers and collapse of cargo

15. LABEL DATA
Label required : YES
Common Name : POLYVINYL CHLORIDE RESIN, PVC RESIN
Signal Word : CAUTION
Chronic Hazard :
Acute Health Hazard :
Contact Hazard :
Fire Hazard :
Reactivity Hazard :
Special Hazard Precautions : Store in cool and dry area

16. OTHER INFORMATION