Material Safety Data Sheet

Product : PVC

Compound: PVC

Part No. : N-100 / N-200

1. Product Identification
   Manufacturer Name
      Advanced Technology Products
   Chemical Name
      Plasticized Polyvinyl Chloride Compound

2. Hazard Identification
   Ingredient
      Less than 10PPM Vinyl Chloride Monomer
   Health Effects
      Contact with molten product will cause thermal burns
      No major effects

3. Physical Data
   Appearance
      Natural PVC compound in pellet form
   Boiling Point
      Solid, not applicable
   Solubility in Water
      None
   Solubility in Solvent
      Soluble in Ketones, Tetrahydrofuran
   Specific Gravity
      1.16~1.28
   Flash Point
      >300℃
### 4. First Aid Measures

- **Product on Skin**
  - Molten: Immediately cool with water and obtain medical attention **URGENTLY.**

- **Product Ingested**
  - Give water to drink. Obtain Medical Attention.

- **Eye contact**
  - Rinse with water. Contact physician if discomfort continues.

### 5. Fire Fighting Measures

- **Extinguishing Media**
  - Use water spray foam or dry powder

- **Special Hazards**
  - Thermal decomposition causes the generation of hydrogen chloride and other toxic gases.
  - Under certain conditions the material can burn with high smoke density.

- **Protective Equipment**
  - Wear suitable dust mask or positive pressure breathing apparatus, gloves, overalls, boots and chemical goggles.

### 6. Accidental Release Measures

- **Personal precautions**
  - Sweep up to prevent slipping hazard

- **Methods For Cleaning Up**
  - Collect mechanically

### 7. Handling and Storage

- **Handling /Storage Precautions**
  - Store in a cool dry and well ventilated place.

- **Spill or Lake**
  - Vacuum, sweep or shovel up.
Material Safety Data Sheet

<table>
<thead>
<tr>
<th>8. Exposure Controls/Personal Protection</th>
<th>None</th>
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<tbody>
<tr>
<td>9. Physical And Chemical Properties</td>
<td>Water solubility: Insoluble</td>
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<tr>
<td>10. Stability and Reactivity</td>
<td>Product is stable</td>
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<tr>
<td>Conditions to Avoid</td>
<td>PVC is chemically unreactive. Avoid contact with Fluorine.</td>
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<tr>
<td>Incompatible Material</td>
<td>At processing temperatures some degree of thermal decomposition will occur which generates hydrogen chloride and other toxic gases.</td>
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<td>Hazardous Decomposition</td>
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<td>11. Toxicological Information</td>
<td>Vinyl resin contains a very small amount of residual vinyl chloride monomer. Extensive product and processing improvements have resulted in the reduction of residual monomer to average levels less than 5 parts per million(ppm) in the vinyl resins used to manufacture compound. Today, there is virtually no employee exposure to vinyl chloride monomer above action level of 0.5 ppm when handling or employee processing Jieh-Ming PVC compound.</td>
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<td>* This product conform to RoHS &amp; H.R.2420 demand.</td>
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<td>* This product conform to ISO10993</td>
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*RoHS & H.R. 2420.  
*ISO 10993
12. Ecological Information

The product is not biodegradable. It can be recycled using suitable technologies. It does not contain, as additives, compounds of mercury, cadmium and chromium. It does not contain asbestos, CFC, HCFC.

13. Disposal Information

Disposal must be done in accordance with existing regulations. Landfill and incineration can be considered in most cases suitable. Recycling is possible by melting and palletizing.

14. Transport Information

Avoid wetting or rough handling so that the packaging will not be damaged. In case the bags are damaged and the pellet are scattered, pay attention so that no one will slip and fall. All of the materials that have spilled shall be rapidly collected.

15. Regulation Information

None
16. Other Information

This information only concerns the above mentioned product and not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.