

# Material Safety Data Sheet

## 1 - Identification of the material and company

Material identity: Polyvinyl Chloride Compound (PVC Compound)  
Trade name: Flexible PVC Pellet Compound

## 2 - Composition / Information on Ingredients

Technical name : PVC Pellet Compound  
Chemical name : Polyvinyl Chloride Compound  
Chemical Abstracts Number (CAS No.) : Not applicable to compounds  
Dangerous components: NONE

## 3 - Hazard indication:

3.1 Main personal hazards: -fire, see §5  
-Slipping in case of spillage/leakage, see §6  
-Inhalation of vapours, fumes, powders, see §7  
-Hazard of contact with molten polymer, see §4

3.2 Powders have specific fire risks

3.3 Environment: Lack of biodegradability, see §12

## 4 - First Aid Measures :

Skin :If molten polymer gets on skin, cool rapidly with cool water.

EYES: NONE

If irritation persists from exposure to processing vapors or decomposition products ,remove the affected individual from the area. Call a physician . Provide protection before allowing reentry.

## 5 - Fire Fighting Measure :

Extinguishing Media: Water, ABC Dry Chemical, CO2, Foam or dry extinguishers

Extinguishing Measures: At the time of fire ,high heat as well as gases containing Carbon dioxide, Carbon monoxide,hydrogen chloride ,etc.are generated.

At the time of fire-fighting, wear proper protective clothing and respirators

## 6 - Spillage

Spill/leak procedure:steps to be taken in case material is released or spilled Vacuum or sweep into a closed container for reuse or disposal

## 7 · Handling and Storage

7.1 Any vinyl compound can be forced to burn by continuous application of intense heat. Like all combustible material, protect from open flame and maintain proper clearance when using portable heat devices, etc.

7.2 Storage: Out of direct sun, in well ventilated, cool and dry places

7.3 fire precautions: Equipment must be earthed, to avoid static electric charges. Any contact with flame or hot surface must be avoided.

## 8 · Personal Protection

Wear protective gloves when handling hot materials during processing. Safety glasses and eyeshade are recommended all industrial workplace.

## 9 · Physical and Chemical Properties / Characteristics

Appearance: Solid	Form: Pellet
Colour :	Odor: none
pH value : N.D.	Boiling Point / Boiling Range: °C
Decomposition Temperature : 200°C	Flash Point : 572 °F 300 °C Test Method : <input type="checkbox"/> Open Cup <input type="checkbox"/> Close Cup
Autoignition Temperature : 430°C	Exposure Limits : - %
Vapor Pressure : (Below) mmHg@20°C	Vapor Density : - (Air=1.0)
Specific Gravity : 1.10~1.30 g/cm <sup>3</sup>	Solubility in Water : Slight

## 10 · Stability and Reactivity

Stable and chemically inert at room temperature.

Avoid contact with acetal or acetal copolymers and with amine containing materials during processing.

## 11 · Toxicological Information

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 0.5ppm when handling or employee processing NAN YA PVC compound.

**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. Landfilling and incineration can be considered in most cases suitable. Recycling is possible by melting and pelletizing.

**14 · Transport Information**

14.1 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.

14.2 On loading and unloading, equipment must be earthed to avoid static electric charges.

**15 · Regulation Information**

None

**16 · Other Information**

The information provided is given in good faith and is based on our actual knowledge.  
This is not a technical sheet for use of the product.  
This sheet does not exempt the user from knowing and applying all the relevant regulations and from taking all the relevant safety precautions.