

# Safety Data Sheet



## Type 1 PVC

### 1. Product details

Usage:	Various fabrication applications
Material characterization:	Amorphous, plastic
Main components:	Polyvinyl chloride, stabilizers, and additives

### 2. First aid measures

Inhalation:	Dust or fumes from fabrication operations may cause irritation. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact:	If molten material contacts skin, cool rapidly with cold water and obtain medical attention for thermal burn.
Eye contact:	Dust or fumes from fabrication operations may cause irritation. Flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion:	This material is not expected to be absorbed within the gastrointestinal tract. Do not induce vomiting. Rinse mouth.

### 3. Fire – fighting measures

Suitable extinguishing measures:	Water mist, foam, dry powder extinguishing agents
Potential combustion products:	Carbon monoxide, carbon dioxide, hydrochloric acid, hydrocarbon.
Special protective equipment & precaution for fire fighters:	Wear a self-contained breathing apparatus and full protective gear.
Notes:	Molten product has to be cooled with water. Fire residues must be collected and disposed of according to local guidance.

### 4. Handling and storage

Handling:	Product can be worked with conventional machines and tools. Before machining the product should have room temperature and/or be stored for a minimum of 24 hours under normal climatic conditions.
Storage:	Horizontally, dry, protected from frost and climatic influences. Do not store with flammable materials.

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## 5. Physical and chemical properties

Physical state:	Solid sheets
Color:	Natural or colored
Odor:	Nearly odorless
pH:	Not applicable
Melting point:	130 °C – 180 °C
Density:	1.30 – 1.60 g/cm <sup>3</sup> (ISO1183)
Ignition temperature:	>450°C

## 6. Disposal references

Recyclability:	Check possibility of recycling.
EC Waste Catalogue:	The product is classified in accordance with the European-Waste Catalogue (EWC) as “Not dangerous”
EC Waste Code:	120105 Plastics shavings and turnings 200139 Plastics of separately collected fractions
Waste removal:	Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations.

## 7. Transport information

Not subject to national and international regulations on the transport of dangerous goods.

## 8. Regulatory information

In accordance with the EU directive 1907/2006/EC (REACH), article 3, no. 3, our products are clearly defined as articles not subject to registration.

The European directive regarding chemicals no. 1907/2006 (REACH) enforced on June 1<sup>st</sup>, 2007 stipulates Safety Data Sheets (SDS) only for dangerous substances and preparations. Our products do not fall under this scope of REACH.

## 9. Other information

SDS Prepared by: A&C Plastics

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.