

# Safety Data Sheet



## Type 1 PVC Sheet

### 1. Product details

Usage:	Plastic sheet products
Chemical characterization:	Polyvinyl Chloride

### 2. Hazards identification

Not classified. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

### 3. First aid measures

Inhalation:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Obtain medical attention if breathing difficulty persists.
Skin contact:	None expected under normal conditions of use. Obtain medical attention if irritation develops or persists.
Eye contact:	Adverse effects not expected from this product. Obtain medical attention if pain, blinking, or redness persist.
Ingestion:	Not expected to be a primary route of exposure. Obtain emergency medical attention.

### 4. Fire – fighting measures

Suitable extinguishing measures:	Use extinguishing media appropriate for surrounding fire. Do not use heavy water stream. Use of heavy stream of water may spread fire.
Fire hazard:	Not considered flammable but may burn at high temperatures.
Explosion hazard:	Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion, keep dust levels to a minimum, and follow applicable regulations.
Reactivity:	Hazardous reactions will not occur under normal conditions.

### 5. Accidental release measures

General measures:	Avoid breathing (dust, vapors, fumes from molten material). Final product may have sharp edges. Avoid prolonged contact with eyes, skin, and clothing. Avoid generating dust.
Personal precaution:	Use appropriate personal protection equipment.
Emergency procedures:	Evacuate unnecessary personnel. Ventilate area.
Environmental precaution:	Prevent entry to sewers and public waters.

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Methods for cleaning up: Clear up spills immediately and dispose of waste safely. Contact competent authorities after a spill.

For containment: Avoid generation of dust during clean-up of spills. Sweep or vacuum the product to recover it. Where possible, allow molten material to solidify naturally.

## 6. Handling and storage

Additional hazards when processed: Avoid dust production. Final product may have sharp edges. Risk of thermal burns on contact with molten product. Heating of product can release toxic or irritating fumes, ensure proper ventilation, proper precautions are enforced, and applicable regulations are followed. Sustained temperatures above 150°F (65.6°C) may cause slow degradation. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production and follow applicable regulations.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink, or smoke when using this product.

Storage conditions: Store away from incompatible materials.

Incompatible products: Strong acids, strong bases, strong oxidizers.

## 7. Exposure control

Exposure limits: Not applicable.

Ventilation measures: Provide good ventilation and/or an exhaust system in the work area.

Respiratory protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust or vapors from molten product area expected to exceed exposure limits.

Hand protection: If handling hot or molten sheet, wear insulated gloves, otherwise wear work gloves.

Eye protection: Chemical goggles or safety glasses.

Skin & body protection: Wear suitable protective clothing and boots.

Other protective measures: Avoid contact of molten material with skin. Do not inhale dust particles or vapors. Keep away from sources of ignition. Wash hands before breaks and after work.

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## 8. Physical and chemical properties

Physical state:	Solid sheets
Color:	Varies
Odor:	Not applicable
pH:	Not applicable
Melting point:	Decomposes before melting
Boiling point:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Explosion limits:	Not applicable
Evaporation rate:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Relative density:	Not applicable
Specific gravity:	0.45-1.4
Solubility:	Insoluble

## 9. Stability and reactivity

Stability:	Hazardous reactions will not occur under normal conditions.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Materials to avoid:	Strong acids, strong bases, strong oxidizers.
Hazardous decomposition products:	Carbon dioxides (CO, CO <sub>2</sub> ), hydrogen chloride, toxic gases, irritating fumes

## 10. Toxicological information

This product should not be harmful under normal conditions of use.

Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Carcinogenicity:	Not classified

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## 11. Ecological information

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

Persistence and degradability: No additional information available

Bio-accumulative potential: No additional information available

Mobility in soil: No additional information available

## 12. Disposal considerations

Do not empty into drains; dispose of this material and its container in a safe way. Dispose of waste material in accordance with all local, regional, national, and international regulations.

## 13. Transport information

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

## 14. Regulatory information

US State & Federal regulations: The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1920.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

## 15. 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.