



452 DIENS DRIVE, WHEELING, ILLINOIS 60090

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MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME

CPI, Inc.

EMERGENCY PHONE NO.

(847) 541-1960

ADDRESS

452 Diens Drive, Wheeling, Illinois 60090

TRADE NAME AND SYNONYMS

Verilon® Vinyl

PRODUCT SAFETY INFORMATION

This Product Safety Information Sheet is principally directed to managerial, safety, hygiene and medical personnel. The description of physical and chemical properties and handling advice is based on experimental results and past experience.

1. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Composition: Polyvinyl chloride Homopolymer Resin modified with plasticizer, fillers, pigments, and stabilizers.

Physical State: Roll Form  
65ft to 300ft in length  
4 inches to 60 inches wide  
.04 inches to .480 inches thick

Color: Clear and tints

Melting Point: Material softens above 120°C ( 248°F )

Decomposition Temperature: 200°C ( 392°F ) for minimum of 30 minutes

Solubility: Product may be softened by various organic solvents such as ketones, xylenes, benzene, etc.

2. CHEMICAL REACTIVITY

The product is relatively inert. It will not react with air or water.

3. STABILITY

The product has an indefinite shelf life under ambient handling and storage conditions. It will become brittle at temperatures below -23°C (-10°F ).

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#### 4. FIRE HAZARD

Under fire conditions, the product will decompose to give off hydrogen chloride. The product is approved by California Fire Marshall.

#### 5. FIREFIGHTING TECHNIQUE

Vapors are irritating to the respiratory tract and will cause breathing difficulty. Symptoms may be delayed several hours or longer depending upon exposure.

As in any fire, prevent human exposure to fire, smoke, fumes, or products of combustion. Evacuate nonessential personnel from the fire area.

Wear full face, self-contained breathing apparatus and impervious clothing (such as gloves, hoods, suits, and rubber boots).

Use standard firefighting techniques in extinguishing fires involving this product - use water, dry chemical, foam, carbon dioxide, or halogenated extinguishing agents.

#### 6. FIRST AID

Ingestion - These materials are rolls of plastic intended for use in the manufacture of industrial products. Should accidental ingestion occur, seek medical advise.

Inhalation - Under normal handling conditions, inhalation exposure is unlikely. However, should inhalation exposure occur under fire conditions or under conditions of extreme heat, remove the victim from the contaminated atmosphere. Seek medical attention if respiratory irritation occurs.

#### 7. CORROSIVITY TO MATERIALS OF CONSTRUCTION

The product is not corrosive to materials commonly used in the construction of process equipment, storage and shipping containers.

#### 8. STORAGE REQUIREMENTS

The product should be stored in a cool, dry, well-ventilated area away from inflammable materials, or sources of heat and flame. Protect from temperatures below  $-23^{\circ}\text{C}$  ( $-10^{\circ}\text{F}$ ); the product becomes brittle at lower temperatures.

#### 9. DISPOSAL OF UNUSED MATERIAL

Material that cannot be used or reprocessed should be disposed of by methods recommended for solid waste disposal. Approved types of incineration with appropriate environmental pollution controls may also be used for waste disposal.

#### 10. DISPOSAL OF CONTAINER

Normal solid waste disposal procedures are recommended for disposal of rolls and packaging.