



ATLAS 96*

VINYL VAPOR RETARDER FILM

This Product Safety Information Sheet is principally directed to managerial, safety, hygiene and medical personnel. The description of physical, chemical and toxicological properties and handling advice is based on experimental results and past experience. It is intended as a starting point for the development of health and safety procedures.

This Product Safety Information Sheet meets the material safety data sheet (MSDS) requirements of the federal OSHA Hazard Communication standard (29 CFR 1910.1200).

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ULT.559.P

I. PHYSICAL/CHEMICAL PROPERTIES

CHEMICAL COMPOSITION:

Polyvinyl chloride pigmented film

PHYSICAL STATE:

This material is an article supplied in roll form. As such, the material itself does not pose physical or health hazards under normal use.

COLOR:

White, green, gray and black currently. Could be extended to any number of colors except transparent.

MELTING POINT:

300°F (149°C) (softens)

DECOMPOSITION TEMPERATURE:

500°F (260°C)

BULK DENSITY OF SOLID:

87 - 94 lbs/ft³

SOLUBILITY:

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

IN CASE OF SUSPECTED POISONING, REFER TO THE INFORMATION IN SECTION VI: HUMAN HEALTH AND THE PROCEDURE AND EMERGENCY CONTACTS IN SECTION VII: FIRST AID.

II. CHEMICAL REACTIVITY

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

III. STABILITY

The product has an indefinite shelf life under ambient handling and storage conditions. It may become brittle at temperatures below 10°F (-12°C).



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IV. FIRE HAZARD

Under fire conditions, the product will decompose to give off hydrogen chloride. The product has an Underwriters Laboratory Fire Hazard rating of 15 flame spread and 105 smoke generation. It is self-extinguishing once the source of ignition is removed.

V. 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 protective clothing (such as gloves hoods, suits, and rubber boots).

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

VI. HUMAN HEALTH

The material poses no health hazards and no medical conditions are generally recognized as being aggravated by handling the product.

VII. FIRST AID

If an adverse reaction occurs after exposure, promptly start the recommended procedures below. Seek medical attention if further treatment is required.

INGESTION

These materials are rolls of plastic intended for use in the manufacture of industrial insulated facing. Should accidental ingestion occur, seek medical advice.

INHALATION

Under normal handling conditions, inhalation exposure is unlikely. However, under fire conditions or conditions of extreme heat, remove the victim to fresh air. Seek medical attention if respiratory irritation occurs.

VIII. CORROSIVITY TO MATERIALS OF CONSTRUCTION

Noncorrosive to materials commonly used in the construction of process equipment, storage and shipping containers.

IX. STORAGE REQUIREMENTS

Containers should be stored in a cool, dry, well ventilated area away from flammable materials and sources of heat or flame. Protect from temperatures below 10°F (-12°C), the product may become brittle at lower temperatures.

X. DISPOSAL OF MATERIAL

Material that cannot be used or chemically reprocessed should be disposed of by methods recommended for solid waste disposal in accordance with any applicable regulations under the Resource Conservation and Recovery Act. NOTE: State and local regulations may be more stringent than federal.