

RATERMANN MANUFACTURING, INC.

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME

POLYVINYL CHLORIDE

TRADE NAME

WPV

1. PHYSICAL DATA

Melting point : Approx. 340-390°F Solubility in water : Insoluble

Form : Solid Volatile : N/A

Appearance : Film Color : Clear/White

Odor : Slight characteristic plastic odor

2. FIRE AND EXPLOSION HAZARD DATA

Flash point : N/A

Extinguishing media : Water, Water fog, Dry chemical CO2 and Foam

Special fire fighting procedures : Used self-contained breathing apparatus
if exposed to fumes.

Unusual fire and explosion hazards : No unusual hazards

3. REACTIVITY DATA

Conditions to avoid : Heating and processing above 400°F
because thermal degradation occurs.

Materials to avoid : Aromatic Hydrocarbons, Esters, Ketons.

Hazardous decomposition products : If seriously overheated, HCL fumes and traces
of VCM may evolve - avoid inhalation of such fumes.

4. PRECATIONS/PROCEDURES

Ventilation : Film heat sealing and thermoforming operations may cause plasticizer fumes.
Trace amounts of hydrogen chloride and Vinyl Chloride may also evolve
if film is overheated. The use of general process area ventilation(exhaust
fans) and local exhaust hoods are recommended.

5. PERSONAL PROTECTIVE EQUIPMENT

Respirator - None required under normal conditions.

6. ENGINEERING CONTROLS

- None required under normal conditions.

7. Storage : Recommended storage conditions - below 70°F to prevent changes in physical
properties(Shrinkage).