

## PHENOXY™ PKHS-25 M PMA Resin Solution

### Product Description

PHENOXY™ PKHS-25 M is a 25% NV solution of Phenoxy PKHC resin in PM acetate (PMA or Propylene Glycol Methyl Ether Acetate). Phenoxy resins (polyhydroxyethers) are tough, ductile, amorphous, thermoplastic polymers having excellent thermal stability, adhesive strength, and vapor barrier properties. Phenoxy resins may be crosslinked by reacting its hydroxyl functional groups with isocyanates, melamine resins, or phenolic resins. Crosslinked phenoxy resins exhibit excellent chemical resistance, hardness, and adhesion on many substrates including steel, aluminum, glass, carbon fibers, and plastics such as nylon and polyester (PET). PHENOXY™ PKHS-25 M can be reduced with additional PMA to attain lower viscosities; the addition of MEK will reduce viscosities at a faster rate. The addition of diluents like xylene or toluene can also be useful. Coatings with PHENOXY™ PKHS-25 M exhibit excellent levels of flexibility and toughness when appropriately cured.

### Applications

- Thermoset Coatings
- Adhesives and Sealants
- Can and Coil Coatings
- Zinc Rich Primers

### Typical Properties

Property	Value
Color, AHPA	200 (max)
Solids	24 - 26 %
Viscosity at 25 °C (Brookfield)	1,500 – 2,500 cP
Molecular Weight (weight average, Daltons)	43,000 – 51,000
OH Equivalent Weight (solid basis, g/eq)	280

## Regulatory Status

TSCA (USA), DSL (Canada), PICCS (Philippines), AICS (Australia), ENCS/MITI (Japan), IECSC (China). Polymer Exempt: EINECS (EU)

## Storage

**PHENOXY™ PKHS-25 M** should be stored in a dry place, in its sealed original container, at temperatures between **0°C - 40°C (32°F - 104°F)**. Under these storage conditions the shelf life is **24 months** from date of manufacture. The product should not be exposed to direct sunlight. PKHS-25 M is flammable and should be stored accordingly.

## Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

### First Aid!

Refer to SDS as mentioned above.

**KEEP OUT OF REACH OF CHILDREN**

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