

PRODUCT DATA SHEET

zeuoc[®]
water-based rubber cement

APV[®]
ENGINEERED COATINGS

N-9976

ZEVOC[®] is the first patented water-based cement for cured rubber substrates. The product is typically used in tire retread manufacturing to adhere a new tread to a buffed carcass. ZEVOC[®] can also be used in other applications such as hose, industrial rubber products, shoes, and golf ball manufacturing. Although this product is water-based, has zero VOCs, and no HAPS, its adhesion ability matches or exceeds solvent-based alternatives.

ZEVOC[®] complies with all federal, state, and local regulations governing emissions from retread facilities. It produces less odor than solvent-based cements, meeting OSHA regulations and is easy to clean. As a non-flammable cement, the ZEVOC[®] has the potential to lower company insurance costs and requires no special storage needs, sprinkler systems, or equipment with lock-out devices.

ZEVOC[®] is applied with conventional spray equipment and technical assistance on application and cleaning products are available through APV. ZEVOC[®] can be ordered in 5 gallon pails or 55 gallon drums.



Features

Contains No VOCs

Excellent Adhesion to Multiple Rubber Surfaces

Low Odor, Meets OSHA Regulations

Non-Flammable

Non-Hazardous

Easy Cleanup

High Solid Content

HAPS-Free

Easy To Use

No Required Special Storage or Sprinkler Systems

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Product Specifications

PRODUCT DESCRIPTION:

WATER-BASED RETREAD CEMENT

PRODUCT NUMBERS: N-9976

PHYSICAL PROPERTIES:

COLOR: Black
TYPE: Water-Based
VISCOSITY(ASTM D 2196-86): 800 ± 200 CPS #2 @ 30 RPM
WEIGHT PER GALLON (ASTM D 1475-90): 8.05 lbs/gal ± .30 (0.963 g/ml ± 35g/ml)
SPECIFIC GRAVITY (ASTM D 1475-90): 0.97
pH: 10.0 - 11.0
FLASH POINT: 212 °F (100°C)
SOLIDS: 47 - 49% by weight 35-37% by volume
THEORETICAL COVERAGE: 561 - 593 ft² / gal @ 1.0 mil (13.78 - 14.56 m²/l @ 25.4 μ)
VOC: WET: 0 lb/gal (0 g/l) DRY: 0 lb/gal (0 g/l)
RECOMMENDED FILM THICKNESS: WET: 1.5 mil DRY: 0.6 mil
COVERAGE: 1069 ft² / gal @ .6 mil (26.24 m²/l @ 14.0 μ)

APPLICATION:

METHOD: Spray (for N-9900 - Spray or Dip)
REDUCTION: None Required, Use as supplied
CLEAN UP SOLVENT: L-400
RECOMMENDED EQUIPMENT: Conventional Spray Equipment

SUBSTRATE:

TYPE: Uncured Rubber Compound
PREPARATION: Clean, Dry Surface

HANDLING & STORAGE:

SHELF LIFE: 9 Months, unopened
FREEZE CAUTION: Yes
RECOMMENDED STORAGE: Cool, dark location

COMMENTS:

Mix well before using. Be careful not to generate foam. Close container after use. Contains no hazardous air pollutants. Minimum adhesion- 20 lbs. force pull tear.