

## Technical Data Sheet (TDS)

### ECP-280 Isolator

Oil Barrier Over Concrete

#### Special features

- ▣ Encapsulates oil residues in concrete
- ▣ Can be used under any urethane levelers and adhesives
- ▣ Can be used under epoxy and urethane coatings



## General Features

- ❑ Contains no isocyanates
- ❑ Dries in less than 2 hours
- ❑ Contains no water
- ❑ Contains no chlorinated solvents
- ❑ High solids content
- ❑ Ozone friendly
- ❑ Freeze/thaw stable

## Installation Features

- ❑ Low odor
- ❑ Spreads easily
- ❑ Excellent penetration of subfloor
- ❑ Higher temp will shorten drying time
- ❑ Observe pot life during installation

## Long Term Features

- ❑ Resistant against aging
- ❑ Suitable for radiant heat systems

## VOC (Rule 1168 calc.) [g/L]

- ❑ 84

## Viscosity [cps]

- ❑ A:1300-2000 B: <50 Mix:450

## Bond Strength [psi]

- ❑ > 1000

## Shore D Hardness (ISO 7619)

- ❑ >80

## Approved Subfloors

- ❑ Concrete Slabs

## Approved Trowels and Spread Rate

- ❑ 3/8 in. Nap Roller: up to 100 SF/gal. (16 mil)

## Drying Time

- ❑ Approx. 4 hours

## Temperature Range during Installation

- ❑ 50-90F (10-32C)

## Relative Humidity Range during Installation

- ❑ 20% - 90%

## Packing Size

- ❑ 1.2 gal Metal Pail Part A + 1.2 qt Metal Can Part B

## Density [lbs./gal.]

- ❑ A:16.9 B: 7.5 Mix: 15.9

## Color

- ❑ Light Grey

## Color Hardener

- ❑ Clear

## Mixing Ratio

- ❑ 100 Parts A + 12 Parts B by weight
- ❑ 3.7 Parts A + 1 Part B by volume

## Pot Life

- ❑ Approx. 45 min. @ 70F (21C)

## pH value of concrete

- ❑ Resistant up to 14

## Storage

- ❑ Above 14F

## Shelf Life

- ❑ 24 Months in original, unopened container

## Transportation

- ❑ UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxide resin), 9, III
- ❑ UN 2733 POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S. (Isophorone diamine), 3, II