

## DATA SHEET

### 219 PU BONDING PRIMER

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V1-28/11/2014

#### **DESCRIPTION**

- 219 is a solvent based polyurethane prepolymer used as an adhesive for bonding new urethane systems to old linings, PVC piping, dry cement surfaces etc.

#### **CHEMICAL RESISTANCE**

- Resistant to most dilute acids and alkalis, petroleum products, water and sea water.

#### **RECOMMENDED AREAS FOR USE**

- As a bonding primer for Polyurethane Elastomers.
- Joint Sealers
- Bakkie lining repairs
- Conveyer belt repairs

#### **SURFACE PREPARATION**

All surfaces must be clean, dry and mechanically sound, free of oil, dirt and dust.

- Concrete and cement screeds must be diamond grinded or acid etched to remove surface laitance.
- PVC, Fibreglass, Rubber and old PU Linings :

Roughen surface with course sandpaper.

Solvent Wipe with THF solvent and allow to dry.

Mix 100 parts of 219 with 0.2 parts of Activator and apply by brush.

When the coating becomes "tacky", (+\_ 45 minutes @ 25°C) apply the PU Joint Sealant.

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#### **CLEANING EQUIPMENT**

- Clean all equipment immediately after use with Water Soluble Brush Cleaner.

#### **SPECIAL NOTES**

- Polyurethanes react with atmospheric moisture, releasing carbon dioxide. Coating thickness should be kept within recommended limits to alleviate bubble entrapment.

#### **STORAGE AND HANDLING**

- Sealed, unused containers should be stored in a cool environment, preferably below 25°C, to prevent an undue increase in viscosity. Used containers should be tightly resealed, preferably after a thorough dry nitrogen gas purge. The usual precautions are to be followed when and applying isocyanates. Refer to the 16 point Safety Data Sheet.

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**TECHNICAL DATA**

<b>COLOUR</b>	:	Clear
<b>MIXING RATIO</b>	:	100:0.2 By Weight
<b>DENSITY @ 25°C</b>	:	1.02 gm/cm <sup>2</sup>
<b>CONSISTENCY</b>	:	Thin Liquid
<b>VISCOSITY @ 25°C</b>	:	< 500cps
<b>SOLID CONTENT</b>	::	50%
<b>FLASH POINT</b>	:	32°C
<b>TOUCH DRY ( 50% RH )</b>	:	30-90 mins. @ 25°C
<b>HARD DRY</b>	:	24Hrs
<b>CHEMICALLY RESISTANT</b>	:	48Hrs
<b>THINNERS</b>	:	M. C.U.
<b>SHELF LIFE</b>	:	6 months
<b>PACKAGING</b>	:	1 and 5 litres

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