



innovative chemical technologies, inc.

## **FLEXIPEL ASP**

### **TECHNICAL DATA SHEET**

- ◆ **Partially Fluorinated Material That Provides Exceptional Protection For Hard Surfaces With Little Or No Change In Appearance**
- ◆ **Excellent Oil And Water Repellency and Hold-Out – Resists Soils, Stains, Chemical Degradation, Biological Growth, Efflorescence**
- ◆ **Vapor-Permeable: Reduces Cracking, Spalling, Freeze/Thaw Damage**
- ◆ **Water Based – Low VOC (less than 100g/L, as delivered), Ambient Cure, ships as DOT Non-Regulated**
- ◆ **Readily Dilutes In Water; Excellent Shelf Stability**
- ◆ **Non-Acidic: Safe For Use On Surfaces That Will Etch (e.g. Polished Limestone, Marble)**
- ◆ **Good Stability On Alkaline Surfaces (e.g., Concrete, Grout, Masonry)**
- ◆ **Physically and Chemically Bonds To Substrates: UV Resistant, Increased Coating Life,**
- ◆ **Makes Cleaning Easier, Improves Newness Retention**

### **APPLICATIONS**

- ◆ **Grout**
- ◆ **Marble, Limestone, Concrete/Masonry**
- ◆ **Saltillo Tile, Clay Tile, Stucco**
- ◆ **Granite, Terrazzo, Grout**

## TECHNICAL INFORMATION

Flexipel ASP is a partially fluorinated product designed for aftermarket, ambient cure applications to hard surfaces. While it offers protection to a broad range of surfaces, it has been specifically designed to provide optimal water and oil repellency on grouts and mortars.

Flexipel ASP is a pre-formulated concentrate that readily dilutes in deionized or softened water, with exceptional storage stability even after diluted. Products formulated with Flexipel ASP meet all current VOC regulations.

## FORMULARY

Simply dilute Flexipel ASP in water (1 part Flexipel ASP in 2 to 3 parts water) before applying. Coverage rates will vary depending on the application method, porosity of the substrate, desired performance and cost parameters. Excess liquid applied to a substrate should be wiped up if it has not penetrated after 10-15 minutes, to avoid hazing from over-application of the product.

**Storage :** For long-term storage a suitable biocide/fungicide, such as 0.1% by wt. of Proxel GXL, should be added.

**Note:** Cure time for maximum water protection is approximately 24 to 72 hours; however, repellency will start to develop almost immediately. Application rates, concentration of Flexipel ASP, and temperature/humidity can impact dry/cure times.

## TYPICAL PROPERTIES

Appearance	Clear, colorless to pale yellow liquid
Density @ 25 <sup>0</sup> C	1.01 +/- 0.03 g/mL (8.5 lbs/gal)
pH (as is)	8.0 +/- 1.5
Water Solubility	Dispersible
Boiling Point	Approx. 100 <sup>0</sup> C

## PACKAGING/HANDLING

Flexipel ASP is available in totes (Net Wt. 2205 lbs), 55 gallon drums (Net Wt. 441 lbs) and 5 gallon pails (Net Wt. 40 lbs).  
DOT Proper shipping Name – Combustible Liquid, N.O.S. (contains isopropanol)  
Combustible Liquid NA 1993, PG III.

**Note: In containers of 119 gallons or less, this product is not regulated by DOT.**