

## Dow Corning 777 WATER REPELLENT

Category : Polymer , Thermoset , Silicone

**Material Notes:**

Dow Corning® 777 Water Repellent is a water-dilutable solution of potassium methyl siliconate designed to impart water repellency to a wide variety of surfaces. Supplied at a concentration of 40 percent in water, Dow Corning 777 Water Repellent is usually diluted to a concentration of 3 percent or less before application. The siliconate reacts with carbon dioxide in the air to form an insoluble water resistant treatment within 24 hours. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-777-WATER-REPELLENT.php](http://www.lookpolymers.com/polymer_Dow-Corning-777-WATER-REPELLENT.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	
Solids Content	40 - 45 %	40 - 45 %	
Volatile Organic Compounds (VOC) Content	<= 50 g/l	<= 50 g/l	
Solubility in Water	100 %	100 %	
pH	13	13	

Thermal Properties	Metric	English	Comments
Flash Point	>= 93.8 °C	>= 201 °F	open cup

Component Elements Properties	Metric	English	Comments
Silicon, Si	24 %	24 %	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Hydrophobic	yes	
Purity (%)	40	
Solvent	water	
Water Resistant	yes	

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