



## TECHNICAL BULLETIN

### TAYCHEM FINISH WR-40

#### Characteristics:

TayChem Finish WR-40M is a one hundred percent (100%) active material. It is designed to impart water repellency to fabric/clothing that is commonly used outdoors.

#### Special Characteristics:

*	Film former.
*	Low viscosity.
*	Rapid cure at atmospheric conditions.
*	Curable coating adheres to fabric substrate.
*	Lends to aerosol and other types of packaging.
*	No additional curing mechanism required.
*	Durable to washing/weather/surroundings.
*	Easy application.
*	Immediate fabric/clothing usage.

#### Application:

TayChem Finish WR-40 has been designed to impart water repellency to outdoor clothing, such as blue jeans, coats, and boots, as well as outdoor gear produced using fabric that is typically hydrophilic in nature. Material should be diluted to 10% to 20% actives using appropriate, non-polar organic solvent. Polar solvents, such as alcohol or water, will force material to cure in bulk. Product may be applied through a specialized applicator, pump spray, or, preferably, aerosol. Material will cure in air over a twenty-four hour period after fabric application without inhibition. Film should be retained through numerous laundering cycles.

#### Typical Properties:

Property	Characteristic
Appearance	Yellowish
Active Ingredients (%)	100
Viscosity, Centistoke, 25°C	150
Density (Pound/Gallon)	8.49
Storage (Months)	6

Note: These figures are intended as a guide and should not be used in preparing specifications.

#### Storage:

Under normal warehouse storing conditions, TayChem Finish WR-40 is stable in unopened containers for six (6) months. Should the container be left open for a short period of time, the top of the material will begin to cure. Product will cure to solid rubber if the container is left open for a prolonged period of time.

TayChem Industries, Ltd.  
3060 Pharr Court North, N.W.  
Suite No. 11  
Atlanta, Georgia 30305-2054

Toll-Free Telephone No. (866) 794-0004  
Local Telephone No. (404) 264-0004  
Facsimile No. (404) 264-1816  
E-Mail Address: [taychemind@aol.com](mailto:taychemind@aol.com)



**Storage: (Continued)**

The "best use before end date" of each batch appears on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case, however, the properties required for the intended use must be checked for quality assurance reasons.

**Safety Information:**

Detailed safety information is contained in each Material Safety Data Sheet. This is available upon request from TayChem Industries, Ltd.

---

Because we cannot foresee or control the varied conditions under which this information and materials may be used, we do not guarantee the applicability or accuracy of this information or the suitability of our materials in any specific situation. Samples are provided and users should make their own tests to determine the suitability of our materials for their specific purposes. This material is provided without warranty, either expressed or implied, of fitness for a specific purpose and nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending license under valid patents.

TayChem Industries, Ltd.  
3060 Pharr Court North, N.W.  
Suite No. 11  
Atlanta, Georgia 30305-2054

Toll-Free Telephone No. (866) 794-0004  
Local Telephone No. (404) 264-0004  
Facsimile No. (404) 264-1816  
E-Mail Address: [taychemind@aol.com](mailto:taychemind@aol.com)