



**Polytrap® 680TT**  
**Tea Tree Oil Delivery System**  
 Technical Data Sheet

**Description:** A moist, white, amorphous polymeric powder highly loaded with Tea Tree Oil, PT 680TT provides exceptional rubout and elegance when incorporated into personal care and cosmetic formulations, while extending the availability of the oil on the skin after application. After application, the remaining polymer particles have the ability to adsorb excess skin oils, thus providing extended use benefits such as long lasting color in lipsticks and facial make-ups and mattifying and shine reduction in facial cleansers, moisturizers, and treatment products.

<b>Typical Properties</b>	
Composition:	Lauryl Methacrylates Glycol Dimethacrylate Crosspolymer (and) Melaleuca Alternifolia (Tea Tree) Leaf Oil
Appearance:	White to off white, free flowing powder
Odor:	Slight
Salicylic Acid Level:	80 ± 5.0%
Loss on Drying:	less than 3.0%
Solubility of polymer:	Insoluble Solubility of polymer: Insoluble

**Benefits**

- Aids incorporation of Tea Tree Oil in a broad range of products including gels and powders.
- Enables formulating efficacious levels in skin-care formulations, and powders.
- Lessens the odor of Tea Tree Oil
- Provides sebum control in all types of formulations including lotions, gels, o/w and w/o emulsions, and both loose and pressed powders.
- Creates longer lasting elegance through extended delivery of the oil.

**Typical Applications**

- ❖ *Skin care, gels, lotions* for the treatment of acne, athlete's foot, blisters, burns, cold sores, dandruff, insect bites, oily skin, rashes, and wounds.
- ❖ Skin Care including anti-aging products, acne care, moisturizers, and oil control treatments
- ❖ Color Cosmetics including loose and pressed powders, body powders, liquid make-ups
- ❖ Toiletries, including deodorants, body lotions, sunscreens, baby care products

**Storage Recommendations and Shelf-Life:** Store in unopened container under ambient conditions

Polytrap® is a registered trademark of AMCOL International Corporation