

Tomadry™ DAB Drying Additive

Description

Tomadry DAB drying additive is a 100% active wax additive that was designed for formulation into a wide variety of transportation cleaning applications. Tomadry DAB drying additive can be added to existing formulations to boost drying efficiency and increase surface protection and shine.

This additive can also be formulated to create high-performance total body protectants that provide durable protection and a long-lasting wax effect.

Applications

- Boost drying efficiency of existing drying agent
- Clearcoat
- Total body protectant
- Tri-color conditioners and wash-n-dry
- Window treatment

Advantages

- Self emulsifying, miscible with most drying agents, spray waxes, rinse conditioners and cleaning products
- Boosts drying efficiency
- Improves shine and durability
- Reduces damage caused by acid rain, bird drop, tree sap and dust build up
- Improves water repellency of treated surfaces

Performance Advantages

Tomadry DAB drying additive can be formulated into a drying agent that provides durable protection and a long-lasting wax effect.

PHOTO 1 Tomadry DAB drying additive improves the durability of drying agents

After 10 rinses

Tomadry DAB drying additive helps to reduce adhesion of dust, pollen, tree sap, bird drop and brake dust on vehicle surfaces.

PHOTO 2 Tomadry DAB drying additive helps reduce dust build up

TABLE 1 Applications and % Tomadry DAB drying additive

Application	Advantage	Tomadry DAB % by weight
Total body protectant	Premium performance	8-15%
Clearcoat	Improved shine and durability	1-5%
Existing drying agent	Boosts drying efficiency	1-2%
Tri-color conditioners & wash-n-dry applications	Improved rinsing and drying	0.5-2%
Window treatment	Improved water repellency & reduced spotting	0.1-1%

Formulation Suggestions

TABLE 2 Total body protectant

Component	Weight %
Tomamine® Emulsifier Four	6.3
Tomadry DAB drying additive	11.0
Mineral Seal Oil	6.0
Ethylene glycol monobutyl ether	2.2
Tomamine® Amphoteric L surfactant	2.5
Water	balance

TABLE 3 Clearcoat with improved drying and durability

Component	Weight %
Tomadry N-4 or N-8 drying agent	39.0
Tomadry DAB drying additive	1.0-5.0
Water	balance

TABLE 4 Window treatment with improved water repellency

Component	Weight %
Tomadyne WDX surfactant	2.6
Tomadry DAB drying additive	0.1-0.5
Deionized Water	balance

Typical Properties

Appearance	Clear to slightly hazy amber liquid
Specific Gravity at 20 °C	0.93
Viscosity at 20 °C, cP	75
Pour Point, °C	-20
Flash Point (PMCC), °F	77

For samples

If you would like additional information or technical assistance in preparing specific formulations, contact us.

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