



Technical Data Sheet

5607 Retarder

Water-Based

Contains Propylene Glycol

Made in U.S.A.

Updated December 2023. Supersedes all previous editions.

Description

5607 Retarder is a mix additive intended to lessen tip-dry when painting in arid or dry conditions.

5607 Retarder contains propylene glycol, which slows down the drying process, allowing for more working time and reducing the risk of the paint drying in the airbrush tip (tip-dry).

5607 Retarder is intended to be used in very sparing amounts.

- Propylene glycol can affect the final finish and durability of the paint.
- Paint may take longer to reach its full hardness and durability after adding 5607.
- Adding too much 5607 may impact adhesion and durability of the final coating, creating a failure.

Usage

5607 Retarder can be either added direct to the paint or added to a thinner such as 4011 Reducer.

Adding 5607 Retarder to a thinner such as 4011 Reducer allows for the propylene-glycol to be introduced to the paint in a more limited amount compared to directly adding to the paint which can significantly change the behavior of the paint, especially adhesion and the hardness of the cured coating.

There is no set mix ratio for adding 5607 Retarder to paint or to 4011 Reducer.

- Generally, add one drop of 5607 to one drop of 0.5oz. of paint.
- Generally more 5607 is added to 4011 Reducer compared to adding it to paint, for example, add 2 or 3 drops of 5607 Retarder to 0.5oz. of 4011 Reducer.

When using 5607 Retarder for the first time, always test the drying, adhesion, and hardness of the cured paint on a test panel before using on an actual paint project.

Pot-Life & Storage

5607 Retarder does not have a pot-life.

- When stored properly, 5607 Retarder can be kept and used well over 10 years.
- Keep stored in a cool dry environment away from cold or hot temperatures, best kept at a range of 60°F - 80°F.

Health & Safety

Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not ingest.

When spraying or sanding, use a properly-fitting NIOSH approved respirator per the manufacturer's instructions.

Skin contact: Thoroughly wash with soap and warm water. Wearing gloves is recommended.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: Use in well ventilated areas and wear a NIOSH approved respirator.

Refer to 5607 Retarder SDS for additional information.

Warranty

This product will perform as claimed if directions are followed. Warranty is limited to replacement or refund value of product. No other warranty is expressed or implied.