

# RELEASE COATING

**SERIES S272**  
**A ZERO VOC WATERBORNE RELEASE COATING**



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## DESCRIPTION

**PTFE Release Coating** is designed for use on gaskets, as a clear thin film lubricant on various substrates, and as a mold release coating.

**TYPE:** Modified PTFE

**COLORS:** Clear

**PACKAGING:** Available in 5 gallon pails

## TYPICAL USES

As a release coating for gaskets, thin solid film lubricant, or as a mold release.

## OUTSTANDING FEATURES/BENEFITS

- 0 VOC
- Thins with water
- Water clean up

## LIMITATIONS

- Applying at temperatures below 50°F and humidity levels above 70% will result in greatly prolonged drying and curing times and may affect product appearance and/or performance.
- Keep from freezing.
- Avoid contact with solvents, greases, and forms of shear while in the liquid state.
- An in-line screen installed just prior to application is recommended.

## COMPOSITION AND PHYSICAL PROPERTIES

**Net Weight/Gallon** 8.7 - 9.1 lb.  
**ASTM D1475**

**Storage Conditions** 50°F to 100°F

**Solids** By Weight: 11% - 19%  
 By volume: 9 % - 10% (Theoretical )

**Freeze/Thaw Stability in Can** KEEP FROM FREEZING

**Odor** Mild

**Recommended Coverage Rate\*** 1600 sq. ft./gal. @ 0.1 mils dry  
**ASTM D1400**

**Shelf Life** 6 months

**Force Cure:**

**Flash Time:** 10 minutes at room temperature (77°F / 50% RH )

**Thinner/Cleanup** Water

**Oven Bake:** 5 minutes @ 250°F

**VOC (minus water)** 0

\*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

## NOTICE

Before using this product, read all warnings and safety information printed on the label, the Material Safety Data Sheet, and the Technical Information Guide.

## THINNING

**PTFE Release Coating** can be used as supplied but is normally thinned at least 5 parts water to 1 part product. Depending on end use it may be thinned up to 1 part product to 15 parts water.

## SURFACE PREPARATION

Surfaces should be clean, dry, and free of all dirt, grease, wax, loose or peeling paint, oil, and other contaminants.

## APPLICATION

**PTFE Release Coating** should be applied with a roller. Remove excess material. Force cure for 5 minutes @ 250°F or equal.

## MIXING PROCEDURE

**PTFE Release Coating** must be stirred before application and mixed with mild agitation during application.

## CLEANUP

Clean equipment immediately with water.

### IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects, and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and is accurate to the best of our knowledge. They are based on technical data which we believe to be reliable, and are intended for use by persons having skill and "know-how," at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders or other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. ©2/98 SANDSTROM PRODUCTS COMPANY 7/14/05