

Data Sheet

Sentry Textile Shield



Description

Sentry Fabric Shield is a heat activated, water based, zero VOC nanotechnology coating that protects a variety of fabrics from stains and alcohol and imparts a hydrophobic quality to the coated material.

Surface

- Fabric
- Leather
- Textiles

Solution

- Stains
- Mildew
- Odors

Characteristics

Color	Milky white
Finish	Invisible
Vehicle Type	Water Based
Flash Point	N/A - 9C/15F
VOC	Zero g/L
Weight per Gallon	8lb/gallon
Breathable	

Expected Wear

Once applied, the fabric coating maintains its protective properties on treated materials for up to 25 washes -- 25 washes performed on polyester fabric.

Coverage

200-400 Sq Ft/gal.

Coverage will vary depending on the porosity and texture of the substrate.

Surface Preparation

Surface must be clean, dry, and in sound condition.

Application Instruction Test Area

Recommended: Due to the wide variety of substrates, always test Sentry Fabric Shield in an inconspicuous location to ensure compatibility.

Application

Stir or vigorously shake Fabric Coat well to re-suspend nanoparticles, as there will be settlement of nanoparticles in the bottom of the container; typically, ¼". Re-stir contents at least every 10 to 15 minutes during the application process to re-suspend nanoparticles and ensure proper performance.

Dipping: Fabric Coat is best applied by saturating the intended fabric in coating using a dipping method. Once saturated, heat fabric up to 140F degrees. Once heated to 140F degrees, maintain temperature for 15 minutes until water is completely evaporated.

Spraying: Spray intended fabric until saturated. Once fully saturated, heat fabric to 140F degrees. Once fabric reaches 140F degrees, maintain temperature for 15 minutes. If unable to heat fabric to 140F degrees (average consumer application) once fabric is saturated, place in dryer on highest heat setting for one hour, or until completely dry.

Air Dry: Best results occur from heating to 140F for 15 minutes, however good performance is achieved from air dry. Once saturated from either spraying or dipping, allow treated material to air dry for 24 hours.

NOTICE: Best results have been achieved by saturating fabric, and heating to 140F degrees, and maintaining that temperature for 15 minutes.

CAUTION: In the event of contact with skin, wash skin thoroughly with soap and water. Always wear safety goggles or splash shield to avoid splashing into your eyes. Do not wear contacts without eye protection. If sealer gets into your eyes, immediately flush eyes with water for 15 minutes. If eye irritation occurs after rinsing, seek medical attention. If accidentally swallowed, rinse mouth thoroughly with water. In case of discomfort, obtain immediate medical attention.

CLEAN UP

Clean tools and equipment with water and rinse thoroughly.

Warranty: Limited 10 Year

Sentry Molecular Coatings Inc. guarantees Sentry Metal shield to be defect free, any material that is proven to be defective will be replaced in a like quantity by the manufacturer within 10 years of date of purchase with proof of purchase and provided it has been applied according to the instructions on this container and data sheet along with other related guidelines posted at SentryMolecularCoatings.com.

This warranty only extends to the owner of the property upon which the product is applied and is non-transferable. This warranty does not cover wear and tear. This warranty is for manufactures defects only. Any warranty claim must be made in writing and sent to seller with supporting materials and access to the property for inspection and testing as requested by seller.

Seller will thereafter provide 100% replacement product for product found to be defective for the first 3 years then the product replacement will be prorated every year until year 10.

This warranty is given in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The remedy stated herein is an exclusive remedy and Seller shall not be responsible for any other damages, including labor or any incidental, consequential, special or punitive damages, whether based on breach of express or implied warranty, negligence, strict liability or other legal theory.



**Sentry Molecular
Coatings Florida**
Authorized Distributor

407 917 7722

Sentry@SentryNano.com
www.SentryNano.com