

DE-COMP COMPOSITES, INC.

SILVERSHIELD 320

SILVERSHIELD 320 is an odorless 100% water-based, NON VOC specialty release agent. SILVERSHIELD 320 is designed primarily for use as a semi-permanent sealer/release coating for parts that require good lay-up adhesion. SILVERSHIELD 320 can also be applied directly on top of the WATERSHIELD and ENVIROSHIELD release agents to improve surface adhesion for low tack prepregs. SILVERSHIELD 320 when combined with our water-based cleaner, WATERCLEAN, can provide a solvent-free release system.

SILVERSHIELD 320 benefits are:

- ENVIRONMENTALLY SAFE
- No solvents or alcohol
- No CFC's, VOC's, or ODC's
- Fast cure
- Non-flammable
- No Silicone

TYPICAL PROPERTIES

Appearance & Odor:	Opaque liquid with bland odor
Carrier:	Water
Flash Point [C.C]:	None
Coverage:	Approximately 1200 Sq. Ft/Gallon
Wt/Gallon:	8.5 lbs/Gallon
Cure Requirement:	Ambient

USES

SILVERSHIELD 320 is recommended for releasing epoxies, phenolics, polyester resins, polyimides, polybismaleimides, various rubbers and elastomers. SILVERSHIELD 320 is specified for applications where the uses of flammable products or solvent based materials are not desired.

SURFACE PREPARATION

Before applying SILVERSHIELD 320, all previous waxes or oils should be removed using WATERCLEAN.

MOLD CLEANING

WATERCLEAN has been developed to replace solvent-based cleaning solutions. WATERCLEAN is stand-alone product that can be used to clean and prepare molds and/or parts when further processing is needed. WATERCLEAN provides an effective alternative for the removal of surface contaminants without harming the working surface of the mold and/or part. WATERCLEAN is RECOMMENDED FOR MOLD PREPARATION BEFORE APPLICATION OF AN APPROPRIATE MOLD SEALER.

DE-COMP COMPOSITES, INC.

SILVERSHIELD 320 (cont.)

HOW TO APPLY SILVERSHIELD 320

1. Apply one light coat of SILVERSHIELD 320 to mold using a Bounty® paper towel, clean lint free cloth, or hand sprayer.
2. Wait approximately 15 minutes, and apply 2nd coat of SILVERSHIELD 320.
3. Wait 15 minutes and apply the 3rd coat of SILVERSHIELD 320.
4. Allow a set time of 30 minutes before using mold.
5. For touch up: apply a single coat of SILVERSHIELD 320 as above and continue processing.
6. Clean up can be accomplished with water and a detergent.

ALTERNATIVE APPLICATION

SILVERSHIELD 320 can also be applied as follows directly on top of the existing WATERSHIELD or ENVIROSHIELD release agent to improve surface adhesion for low tack prepregs.

1. Apply one light coat of SILVERSHIELD 320 directly on top of the WATERSHIELD or ENVIROSHIELD using a Bounty® paper towel, clean lint free cloth, or hand sprayer.
2. Wait approximately 15 minutes to dry.
3. Apply a coat of SILVERSHIELD 320 as above for each part.

STORAGE & SHELF LIFE

Store in a dry area in the original closed container. DO NOT store at elevated or freezing temperatures. Shelf life - 12 months providing original container remains unopened.

SAFETY DATA

Material safety data sheets are available for all products and should be consulted prior to use of product.

SHIPPING DATA

DOT SHIPPING NAME:	None
DOT HAZARD CLASSIFICATION:	None
DOT I.D. NUMBER:	None

PACKAGING

SILVERSHIELD 320 is available in the following sizes:

- 1-U.S. gallon can
- 5-U.S. gallon pail
- 55-U.S. gallon pail

NOTE: THE INFORMATION CONTAINED HEREIN IS BELIEVED BY DE-COMP COMPOSITES, INC. TO BE ACCURATE. HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS MADE REGARDING THIS DATA, THIS MATERIAL, OR RESULTS THERE FROM WHETHER USED IN ACCORDANCE WITH OUR INSTRUCTIONS OR NOT. THE USER SHALL MAKE HIS/HER OWN TESTS TO DETERMINE SUITABILITY OF THIS MATERIAL FOR HIS/HER PARTICULAR PURPOSES, IN ANY EVENT, DE-COMP'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF THE MATERIAL.