

DE-COMP COMPOSITES, INC.

SEALER GP

SEALER GP is a high modulus, clear, flexible film with superior substrate adhesion that forms a protective shield on the mold or tool surface. As a conditioner, SEALER GP is designed to treat both the chemical and physical bonding sites found on every "raw" mold surface. In addition, SEALER GP provides the base needed to extend the life of the release coating and will allow optimal performance from the release coating. NOTE: If a NON-HAZARDOUS mold conditioner is desired, please request the technical data on the NON-VOC conditioners; SEALPROOF or SEALMATTE and for high gloss surfaces, SEALBRITE.

SEALER GP BENEFITS

- Can be used with all release agents
- Retains mold detail and finish
- Thermally stable (900°F/480°C)
- No transfer
- Moisture cured
- Restore vacuum integrity

TYPICAL PROPERTIES

Appearance & Odor :	Thin, clear, liquid, with characteristic solvent odor
Carrier :	Aromatic Naphthas
Flash Point (C.C.) :	> 100°F/37°C
Coverage :	Approx. 800 sq. ft/gal
Wt./Gallon :	7.29 lbs./gal
Cure Mechanism :	Chemical cross-linking, and bonding following solvent evaporation and reaction with atmospheric moisture

NOTE: Product is moisture-sensitive. Container must be kept tightly closed when not in use.

USES

SEALER GP overcomes micro-porosity in mold surfaces.
SEALER GP eliminates the break-in time for new molds and/or tools.
SEALER GP restores a uniform surface when used over a mold repair or patch.
SEALER GP protects the surface of the mold from styrene emission and abrasion, therefore extending the useful life of the mold.

SURFACE PREPARATION

Before applying SEALER GP, all previous waxes or oils should be removed using SURFACE CLEANER.

DE-COMP COMPOSITES, INC.

SEALER GP (cont.)

MOLD CLEANING

SURFACE CLEANER is a combination of solvents specially blended to aid in the preparation of new and used molds/tools prior to treatment with **MOLD CONDITIONERS AND RELEASE AGENTS**. It readily removes waxes and other surface contaminants without harming or dulling the working surfaces of the mold. If a **NON-HAZARDOUS** cleaner is desired, **WATERCLEAN** is available for this purpose.

HOW TO USE

1. Apply **SEALER GP** to a small area of the mold 1-2 sq. (.2 sq. m.) using a **Bounty®** paper towel, clean lint free cloth.
2. While still wet, gently wipe dry using a separate clean **Bounty®** paper towel or lint free cloth.
3. Make sure entire mold surface is coated in this manner, slightly overlapping the last coated area if you are applying in sections. Be certain that all contours are adequately coated.
4. Allow a minimum of 15 minutes cure time before application of the next coat.
5. Apply a second coat of **SEALER GP** in the same way, and wait for a minimum of 15 minutes.
6. Study chart below and apply appropriate number of coats.
7. After the final coat, wait at least 30 minutes before applying the release agent.

<u>Mold Type</u>	<u>Number of Coats of Sealer GP</u>
Metal molds	2
Glass	3
Polyester, gel coat, epoxy	4
Epoxy tooling block, Bondo, oxidized gel coat molds	6 or more
“Green” or patched molds (after proper curing- 24 hours minimum)	4

STORAGE & SHELF LIFE

Shelf life - 12 months when stored in a cool, dry area (Temp.< 90°F/32°C) in the original unopened container. **DO NOT** store at elevated temperatures. Product is moisture-sensitive, and will react with atmospheric moisture if exposed. Keep tightly closed when not in use.

DE-COMP COMPOSITES, INC.

SEALER GP (cont.)

SAFETY DATA

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

SHIPPING DATA

DOT Shipping Name:	Resin Solution
DOT Hazard Classification:	Flammable Liquid
DOT I.D. Number:	UN 1866

PACKAGING

SEALER GP 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.