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## Product Data/Application Guide

### THE FIRST 'ALL IN ONE DAY' PROCESS

## Bio-Strip

### Non-Toxic, Highly Effective Sealer Stripper System.

**Description:** Bio-Strip is a novel blend of environmentally friendly compounds formulated into a non-toxic, highly effective paint stripper. This unique product contains 15% bio-renewable carbon and its high loading capacity gives it the ability to strip surfaces in one application. It is an excellent alternative to hazardous low flash point materials such as methylene chloride (carcinogenic), NMP, and acetone; which are commonly used for stripping applications.

#### Physical-Chemical Properties:

Appearance	Clear, orange colored liquid
• Odor	Sweet
• Specific Gravity @ 20°C	1.06
• Flash Point	91°C (195°F), estimated
• Initial Boiling Point	>100°C (212°F)
• Evaporation Rate	<1 (n-BuAc =1)
• Water Solubility	Insoluble

#### Performance Characteristics:

- Ideal for removing acrylics, enamels, epoxies, lacquers, latexes, moisture-cured coatings and urethanes from most substrates
- High flash point
- High loading capacity makes stripper last longer
- Low evaporation rate allows for long stripper on substrate dwell times and lower volume use due to fewer reapplications resulting from solvent evaporation before the coating is removed
- Will not harm aluminum, composites, concrete, metal, steel or wood

#### Toxicological & Environmental Profile:

- Contains no carcinogenic or toxic compounds
- Contains no peroxides, methylene chloride, NMP or other dangerous chemicals
- Contains no ozone depleting chemicals, no hazardous air pollutants (HAPs) and no global warming compounds
- No SARA reportable components
- Readily bio-degradable
- VOC compliant per EPA, AQMD, and CARB regulations

## Application and use:

Because these products are bio-solvent blends they strip differently from industry standard strippers like methylene chlorine or NMP. Bio-Strip needs time to work as the stripping mechanism is different from petroleum-based solvents. Bio-Strip penetrates the coating and works by breaking the bond between the coating and the substrate, whereas petroleum based solvents work by dissolving coatings. As a result it is important to give the bio-stripper time to work. We recommend 8 Mils for standard coating removal. For 2 component urethane/epoxies and/or thicker coatings, we recommend 12 Mils stripper followed by covering the area with painter's plastic cover for 12 hours and then pressure washing the stripper from the surface. We believe in letting the chemicals do the work.

**Always do a test area to determine the millage and dwell time.**

## PROCEDURE:

**Flat or vertical surfaces:** Apply Bio-Strip to substrate. Allow sufficient time to lift the coating. Remove with pressure washing wand. (Heated pressure washing system can make the difference between stripping one time or two times with a cold pressure washer unit) Typically a dwell time of 1 to 2 hours is sufficient for solvent base and other coatings. Dwell times needed to remove coatings are dependent on the coating thickness, type and age as well as the porosity of the surface. A second stripper application may be necessary. You may also cover with plastic and allow to dwell over night.

**Performance Data:** The data below outlines typical performance for removing various types of coatings. Coating time will vary depending on coating thickness and surface temperature.

- |  |                           |
|--|---------------------------|
| • Acrylic coating                              | Strip time = 1 to 2 hours |
| • Acrylic over elastomeric                     | Strip time = 2 hours      |
| • Moisture-cured epoxy                         | Strip time = 1 to 2 hours |
| • 2 Part waterborne epoxy                      | Strip time = 1 to 2 hours |
| • Oil & water stains, transparent or pigmented | Strip time = 1 hour       |
| • Oil Based Enamel                             | Strip time = 1 hour       |
| • Polyurethane                                 | Strip time = 2 hours      |

**Make sure to abide by all laws with capturing and disposing of the stripping mixture properly.**

**STORAGE:** Bio-Strip should be stored in a tightly closed container in ambient temperatures. Shelf life is one year.

Bio-Strip is available 5 gallon pails. Optional packaging may be available upon request.

Our Technical Department is available to discuss and give guidance on any particular aspect concerning the use of this product.

LIMITED WARRANTY: Seal 'n Lock System Corp. provides a Limited Warranty of one (1) year for inherent defects in its materials or products only. Seal 'n Lock does not maintain control or oversight in the application of its products or materials.

Therefore, Seal 'n Lock cannot provide a guarantee for completed work. Seal 'n Lock is only responsible for claims that are submitted with proof of purchase of Seal 'n Lock material. Should a warranty claim be accepted by Seal 'n Lock, only the original purchase price of the product used will be applicable. It is solely the responsibility of the user of Seal 'n Lock products to test the product in a small inconspicuous place to ensure that the product is performing to the standards and specifications provided by Seal 'n Lock. Should the product not perform to its standards, the user should immediately cease application of product and notify Seal 'n Lock. At no time shall Seal 'n Lock be responsible for incorrect application or use of its products. In the case of incorrect application, including excessive application of sealer that may induce a slippery condition, or other use of Seal 'n Lock products beyond their recommended usage including acquiring the desired enhancement, the user assumes all responsibility and liability of products, ancillary materials, or persons that may be damaged as a result of the incorrect application. Seal 'n Lock does not warranty its product against natural disasters or acts of God or for a time period more than what is expressed in this Limited Warranty. There are no other warranties made by Seal 'n Lock whether expressed or implied other than this Limited Warranty as stated. This limited warranty excludes any liability for any consequential, incidental, indirect or special damages. Except for the limited warranty made above, manufacturer specifically disclaims and excludes any other express warranty, any implied warranty of merchantability of goods and implied warranty of fitness of goods for any particular purpose. Be sure your contractor provides you with a receipt for the purchase of the Seal 'n Lock product applied.

**Caution: May be slippery, take care when walking on area where stripper has been applied.** May cause skin and eye irritation. Do not take internally. Wear mask so you don't breathe in the urethane. All label directions should be read thoroughly before use.

KEEP OUT OF REACH OF CHILDREN