

2020 CATALOG

Life Industries Corporation

Mission Statement

We manufacture products including, but not limited to, adhesives, sealants, epoxies, cleaners and waxes to meet the needs of our customers. Based upon a foundation of honesty and integrity, we provide profitable solutions to our customers' problems through teamwork, innovation and mutual respect.

Company History

Life Industries Corporation is a privately held, second-generation company. It was founded by Edwin Kehrt as a spin-off from a theatrical hardware company he owned. He purchased the theatrical hardware company in 1953 and shortly thereafter he began to diversify the company.

Mr. Kehrt's experience in the Pacific arena during WWII gave birth to the introduction of polysulfide caulking into the marine market. As a captain in the US Army, he was responsible for running the floating power plant in Manila, which also produced liquid oxygen and nitrogen. Capt. Kehrt became familiar with polysulfide during that time, which was being used by the military to repair bullet holes in aircraft fuel tanks. In the early 1960's, this technology was released for use by the public at the same time Mr. Kehrt purchased his first boat. Finding that there were no suitable sealants or caulking available in the marine industry, he drew on his experience some 20 years prior and introduced polysulfide into the marine industry.

Mr. Kehrt was the first to bring caulking and sealants as we know them today into the industry. Over the years, many other products such as epoxies, waxes, cleaners, polishes and sealers have been developed by our in-house personnel and brought to market, most of which have either received patents or are proprietary.

In the early 1970's, Life Industries purchased a manufacturing company which specialized in coatings and flooring. This greatly expanded our manufacturing capabilities and was a nice compliment to our packaging capabilities. In 1979 the two companies merged into one location and in 1995 relocated from Long Island, New York to North Charleston, South Carolina. Mr. Kehrt's daughter, Grace L. Schmidt, has been President since 1987. Mr. Kehrt retired in 1990. Life Industries products are packaged and sold under the BoatLIFE®, AeroLIFE®, and RV by LIFE brands worldwide. In addition, Life Industries Corporation contract packages chemical products for a variety of companies and industries.

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LIQUID LIFE WAX®

NEW

**Pure Carnauba Liquid Wax
for Shine and Protection!
A Joy to Apply: simply Spray
on, Spread and Buff!
Removes Light Oxidation!
Great for Painted RVs!**

16 fl.oz. Stock# 12144



FINGER TOOLING MADE EASY!

UNIQUE

Super Slick Sealant Smoother

**Aids in the finger tooling
of caulks and sealants.
Easy to use applicator bottle.
Provides a smooth bead
and allows excess sealant
to be easily removed from
fingers.**



**1 fl.oz. Stock# 12023
4 fl.oz. Stock# 12024
16 fl.oz. Stock# 12025**

SEALANTS & SOLVENT



The Stick

Stock# 1813

Handy tool for the removal and leveling of any sealants. Ideal to use in the removal of protective films, i.e. Diamond Shield.

Life-Calk® Polysulfide Sealant

A long-lasting, permanently flexible polysulfide sealant which can be sanded and painted (check all paint). Will bond to fiberglass, wood, metal, glass and itself. Can be applied to damp surfaces. Non-shrinking. Excellent chemical resistance.

310ml Cartridge

White Stock# 12033

Black Stock# 12034

310ml Cartridge

Clear Stock# 12169

White Stock# 12170

Black Stock# 12171

Cameo Stock# 12172

Aluminum Stock# 12173

Life Seal® Silicone/Polyurethane Sealant

A unique combination of silicone and polyurethane, Life Seal® offers a fast-curing, low odor, non-shrinking, high adhesion, non-sagging, non-corrosive, non-yellowing, mildew resistant formula that is tenacious but removable. Safe for use on plastics. Will not crack or dry out. Will adhere to itself. Excellent UV resistance. Acid free = no black streaks!

Silicone Rubber Sealant

An all-purpose, non-corrosive, acid-free, non-yellowing, mildew resistant, low odor silicone sealant. Neutral cure formula will not corrode metal or create black streaks. Permanently flexible. Strong adhesion. Will adhere to itself.

310ml Cartridge

Clear Stock# 12150

White Stock# 12151

Black Stock# 12152

Solvent & Cleaner

Use to clean surfaces prior to caulking with Life-Calk®, Life Seal® or Silicone. Removes uncured Life Seal®, Silicone and Life-Calk® and grease from tools and equipment. Safe for fiberglass. Acetone-free.

16 fl.oz. Stock# 12056

GOT STUCK?

Release[®] Adhesive & Sealant Remover

Use a scraping tool (see "The Stick" on previous page) and Release[®] to remove Diamond Shield and 3M[®] film (see video on YouTube.com for more info). Excellent for removing residue from decals, stickers, tapes and labels. Safe on most carpeted, vinyl and painted surfaces. Allows for fast and simple cleanup when using sealants.



1 fl.oz. Stock# 12291
16 fl.oz. Stock# 12288



***Watch our YouTube
video on how to
remove
Diamond Shield***

Choose the *Right* Sealant for Each Job.

*Silicone Rubber
Life Seal®
Life Calk®*

Metal to Wood	E	G	S
Metal to Fiberglass	E	E	G
Wood to Fiberglass (Wood Trim)	E	G	S
Wood to Wood (Wood Trim)	E	G	S
Fiberglass to Fiberglass	E	E	S
Lexan to Fiberglass	NR	E	E
Lexan to Wood	NR	E	S
Plastic Hardware to Fiberglass	NR	E	G
Plastic Hardware to Wood	NR	E	S
Glass to Metal (Windshield)	E	E	E
Glass to Fiberglass	E	E	G
Glass to Wood	E	E	S
Glass to Vinyl	NR	E	E
ABS to Fiberglass	NR	E	E
ABS to Wood	NR	E	S
Electrical Insulation	G	E	E

Product Attributes

Sandability	E	NR	NR
Paintability	E	NR	NR
Chemical Resistance	E	S	S
Gluing/Adhesion	E	S	S
Cure Rate*	Med	Fast	Fast
Years of Approximate Shelf Life	2	1	1
Years of Life Expectancy	20	20	20

*Silicone Rubber
Life Seal®
Life Calk®*

E	Excellent
G	Good
S	Satisfactory
NR	Not Recommended for This Application

*Note: All curing times subject to atmospheric conditions.

NEW FORMULA!

Suds

Perfect for General Washing of RV!
Cleans Without Removing Wax
from Fiberglass.
Safe on Painted Surfaces
and Rubber Roofs.
Will Remove Black Streaks,
Bugs and Dirt,
but not Life Wax.
Environmentally safe,
Phosphate-free
and Biodegradable.
Pleasant Fragrance.

Quart Stock# 12112
Gallon Stock# 12113



FIBERGLASS CARE

RV *by* LIFE Products' FIBERGLASS CLEANING AND MAINTENANCE SYSTEM

Yes, it's true, it is often heard that fiberglass RVs are virtually maintenance-free! By the way, it is not necessarily the case nor an accurate statement. First, the term 'Fiberglass RVs' is somewhat of a misnomer. Yes, the RV is manufactured with fiberglass; the outside of the RV is made in a master mold, the very first application in the construction of the fiberglass skin is the process of gel coat application. Although some RVs are painted fiberglass (which we will not address in this article), generally the gel coat is the exterior, the color, the shiny, the beautiful luster that needs to be cared for and protected from the ravages of Mother Nature, not the fiberglass.

Life Industries Corporation (known for its BoatLIFE, AeroLIFE, and RV *by* LIFE Products) has been manufacturing fine maintenance products since 1959: For the Life of Your RV.® Now, let's get to work. For the first scenario, let's address the newly purchased RV, a great investment of our time. The new RV requires a different approach to care and maintenance than one that has not been well taken care of, as with any product that's new, it's easier to care for. Suds is the ideal product to get started, with its environmentally safe, non-phosphate, biodegradable formula it cleans without removing wax from the gel coat. Stubborn stains, depending on their severity can be removed with Fiberglass Powder Cleaner & Stain Remover. You will need to judge the severity of the condition of the gel coat. Fiberglass Powder Cleaner & Stain Remover is a non-scratching formula that is safe for all fiberglass. Not only does it remove tough stains, it is also easy to use and will remove black streaks, rust, and exhaust stains easily and without hard scrubbing.

Now it's time to make it shine; PolyShine® was developed for just this purpose, to make the gel coat shine. PolyShine is a Premium RV Polish. The easy-to-use liquid polymer formula shines and protects, which, by the way, is also ideal for chrome and stainless steel hardware, as well as fittings; easy on, easy off. PolyShine Premium RV Polish loves to be used in conjunction with new micro fiber polishing cloths, what a team. And, if you are experienced and talented with a power buffing machine, this application will save you considerable time, but, like I said, *experienced and talented*, you don't want to damage the gel coat. And, for overall endurance and added protection we can also apply Life Wax with its longer lasting carnauba formula and UV filters, the ultimate in protection. Life Wax can only be applied by hand, though. RV *by* LIFE Products' PolyShine Premium RV Polish is a polish, polish on, polish off, while Life Wax is a wax, wax on, wax off. Polish polishes and wax waxes.

Now it's time for a little RV *by* LIFE Products history. RV *by* LIFE Products' PolyShine and RV *by* LIFE Products' Life

Wax, are derivatives from the BoatLIFE line of products. The marine research and development vehicle was appropriately named 'BoatLIFE®'. With the combination of properly applied PolyShine and Life Wax, the finish defied the elements for over three years.

How about that neglected older RV or newly purchased used RV? RV *by* LIFE Products with a little TLC can return her back to her beauty of days long past. Judgment day: your judgment will determine how best to bring your beloved RV back to its former splendor. No two used RV's are identical in their condition or the TLC required. The RV *by* LIFE family of products is varied, and again, what might be utilized for RV is not necessarily needed or required for another RV. If you are the proud owner of a dark colored gel coat RV such as red, dark blue, dark green or any other dark surfaced gel coat, don't despair. We have products that will also assist you in the restoration of your gel coat. Again it's a judgment call and you are the judge.

Again let's go back to work. This time let's venture into and address the area of oxidation that would be considered other than light oxidation. Moderate oxidation is easily distinguished and is more visible. The product needed for this condition would be no other than RV *by* LIFE Products' Fiberglass Rubbing Compound. This is a very fine compound formula that minimizes loss of the gel coat surfaces, smoothes out the surface and restores the gel coat finish by removing oxidation and stains. This process prepares the gel coat surface for PolyShine the Premium RV Polish as well as Life Wax.

And, last but not least we will address the proud owners of gel coat such as red, dark blue, dark green or any other dark surface gel coat colors. This RV *by* LIFE product is the ever acclaimed Liquid Fiberglass Rubbing Compound and Color Restorer. Color Restorer restores the original color and luster to your gel coat fiberglass RV by removing oxidation, chalking and fading. It will not harm or scratch gel coat. RV *by* LIFE Products' unique formula seals, protects and prepares the surface for PolyShine Premium RV Polish as well as Life Wax.

All RV *by* LIFE products are manufactured in our factory in North Charleston, South Carolina. New products, like Graphix Wax™, are researched, developed and created for the needs of our extended family, you the worldwide RV'ing public.

If you run into difficulty with your project, call the RV *by* LIFE family factory support team. We are here for you.

Happy RV'ing!

Your RV *by* LIFE Products Factory Team.

For the Life of Your RV.®

CLEANERS



Fiberglass Powder Cleaner & Stain Remover

Heavy duty fiberglass cleaner. Non-scratching formula removes dirt and stubborn stains. Ideal for non-skid surfaces! Removes rust stains, scuff marks, black streaks and diesel exhaust stains. Washes off with fresh water. Leaves Surface ready for waxing.

26 oz. Stock# 12190

Fiberglass Rubbing Compound

Very fine compound formula minimizes loss of gel coat surface. Smooths out the surface and restores fiberglass finish by removing oxidation and stains. Prepares surface for waxing.

16 oz. Stock# 12131

TIPS

Prepping the surface with a great general cleaner such as Suds (Pg. 8) is recommended before using the Fiberglass Powder Cleaner & Stain Remover to remove more stubborn stains such as black streaks.

After the removal of the stains it is recommended to wax the surface with a combination of PolyShine® and Life Wax to preserve and shine the surface for up to three years!

GENTLE ON GRAPHICS

8 fl.oz. Stock# 12132

16 fl.oz. Stock# 12133

Cracked Vinyl: Don't Let
This Happen to Your Graphics!

The **ONLY** wax designed specifically
for vinyl graphics - Solvent Free!

Superior Formulation Using
Only High-Grade Components.

Will Not Deteriorate Graphics
Like Solvent-Based Waxes.



SHINE FOR UP TO 3 YEARS!

PolyShine® Premium Fiberglass & Composite Polish

Easy to use formula shines and protects. Contains UV inhibitors to prevent yellowing. Acts as a fiberglass glaze. Ideal for chrome and stainless steel hardware and fittings. May be applied by hand or machine.

Life Wax

Long lasting carnauba paste wax protects fiberglass finishes, even in tropical climates. Contains superior sun filters for the ultimate in UV protection. When used with PolyShine® will last up to 3 years!



16 fl.oz. Stock# 12122

10 oz. Stock# 12130

CLEANERS



VinyLIFE® Vinyl Cleaner & Protectant

High performance cleaner and UV protectant. Solvent-free and abrasive-free. Non-glossy finish. A dual purpose that cleans as well as protects. Excellent for use on interior and exterior vinyl such as vinyl seats, awnings, upholstery and other rubber products.

16 fl.oz. Stock# 12123 Removes dirt, grime and stains.

Mildew Remover

Chlorine-free, acid-free formula for removal of mildew. Just spray and you're done. One part system also controls odor. Safe for fabrics.

16 fl.oz. Stock# 12137

Stainless Steel Cleaner

Cleans and protects in one easy step. Non-streaking formula. Removes grease and stains. Easy spray-on, wipe-off. Finger print resistant.

16 fl.oz. Stock# 12034

RESTORATION



"Git"-Rot® Rx for Dry Rot

Unique two-part liquid epoxy saturates and restores original strength to wood by penetrating the rot. Actually works **with** the loose rotted fibers! Wood must be dry. Apply by injecting into wood. Will soak into wood by capillary action. One-half hour pot life after mixing. Cures overnight. Sandable and paintable, can be drilled and screwed. Compatible with fiberglass resins, epoxies and most sealants. Great for all RVs with wooden entrance steps, side walls, floors and roof areas.

4 fl.oz. Kit Stock# 12063
16 fl.oz. Kit Stock# 12064
32 fl.oz. Kit Stock# 12065

End Grain Sealer

16 fl.oz. Kit Stock# 12221
64 fl.oz. Kit Stock# 12222

Seal end grain of wood to prevent rot. Easy to use two-part liquid epoxy. Fast curing. 50/50 mix apply with paint brush.



HOW TO USE "GIT"-ROT®

TIME AND TEMPERATURE

The optimum temperature range for applying "Git"-Rot is between 50° and 70° F (10° and 21°C), since this will allow half to one hour penetration time before it begins to gel. Once the two parts have been mixed, a thermal reaction will begin to occur. Penetration is best immediately after mixing. Only mix small batches in the mixing bottle provided (max. recommended is 4 oz.) since the larger the quantity, the greater the reaction and the faster the cure. Should it be necessary to work in higher temperatures, chill the "Git"-Rot prior to mixing or excessive over heating may occur, resulting in a violent reaction. At 70° F (21°C) it solidifies into a tough, resilient mass overnight. Allow one week for ultimate strength. Cold weather simply slows the cure.

MIXING INSTRUCTIONS

Accurate mixing of "Git"-Rot is imperative in order to achieve the proper results. The mixing ratio is 3:1; 3 parts A to 1 part B. Once mixed, the container must be shaken for one (1) full minute. After shaking for one (1) full minute, apply material immediately. Any uncured material may be cleaned up with vinegar.

PENETRATION

Capillary action is the principal on which "Git"-Rot works. Therefore the most expedient way to apply the "Git"-Rot is into the wood grain wherever possible. To avoid trapping air in the middle of the rot always start at one end or on one surface and work progressively along. As holes empty out refill following the same pattern. A considerable amount of patience is required during the actual penetration until complete saturation is achieved. This is determined when the reservoir holes fill and remain filled and the surface remains shiny.

HOW TO LOCATE DRY ROT

Tap questionable areas with a hard instrument and listen for hollow sounding dead spots. Probe suspect areas with an ice pick or sharp knife. Check areas where fresh water is likely to accumulate. Particularly check the following: Side walls, step boxes, window frames and floors.

AMOUNT REQUIRED

There is no hard and fast rule for the amount of "Git"-Rot required, as it depends on the severity of the rot. For complete saturation and ultimate strength in average type rot, it will require a volume of "Git"-Rot approximately equal to half the volume of the rotted wood. (There are 1.8 cubic inches per 1 fluid ounce.)

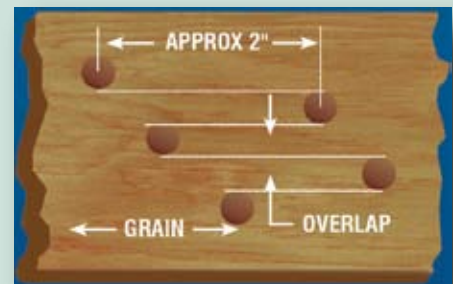
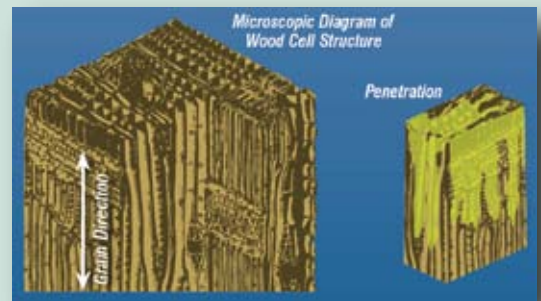
PROVIDE RESERVOIRS

The mechanics of the actual treatment will vary for each case depending upon location and construction. Where rot is deep into a large member it is advisable to drill a staggered series of overlapping holes approximately 4mm to 8mm (1/4 inch) in diameter slanting downwards. This will expose the necessary end grain and provide reservoirs for the penetration as illustrated below. For surface conditions such as side walls, it is recommended that the wood be probed parallel to the grain repeatedly (actually shred the fibers as much as possible without destroying the original contour) with a knife which will provide access channels for the "Git"-Rot. In severely rotted areas it is advisable to remove films of paint or varnish, if possible, for a more thorough penetration. In areas where sections of rot contain extensive holes where the wood fibers are actually missing, it is possible to mix dry sawdust with "Git"-Rot and use it as a filler.

DAMPNESS

Rotted area must be dry as "Git"-Rot will not displace water, so wet wood cannot be fully saturated. Any reduction in the amount of "Git"-Rot simply reduces ultimate strength. Dry the affected area as much as possible. Other options are using a heat gun, an incandescent light bulb or a dehumidifier. As a last resort soaking with acetone will assist drying, however, be cautious of the fire hazard.

CAUTION: Reaction between part A and B will produce heat. Do not use in high temperatures. Avoid additional external heat sources.





For the Life of Your Rv.®



MADE IN U.S.A.

A division of Life Industries Corporation
Manufacturers of Fine Maintenance Products for Over 60 Years

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