

# BACK TO NATURE



## MULTI-STRIP™ PROFESSIONAL PAINT REMOVER TECHNICAL DATA SHEET

**I. Description:** Multi-Strip™ is a unique, environmentally safe paint remover designed to remove up to 15 layers of paint in one application. The new and improved version better penetrates multiple layers and easily removes difficult coatings. Another new feature is that a light application can quickly remove a few layers of paint when time of removal is important. It is biodegradable, non-flammable, non-combustible and contains no methylene chloride or caustic. Multi-Strip™ is odor-free and can be easily cleaned up with water. As a paste it clings easily to vertical surfaces and completely fills detailed areas. For application, it can be brushed, rolled or sprayed on to the surface with a paint sprayer. In addition, it creates less waste for easy disposal. It requires no neutralization (neutral pH).

**II. Types of Paint Removed:** Multi-Strip™ can remove most varieties of paints & varnishes which are oil or water-based including, latex, alkyds, stains, enamels, lacquers and clear paints. Unlike other paint removers, Multi-Strip™ can remove more difficult coatings such as two part epoxy, and urethanes. Multi-Strip is also effective on mastic, adhesives, and glues

**III. Surfaces:** Multi-Strip™ can be applied on a multitude of interior and exterior surfaces including wood, brick, plaster, metal, marble, masonry, stone, concrete, and fiberglass, etc. Multi-Strip™ will not damage plaster or wood (it will not discolor the wood or raise the grain like other paint removers) or affect any substrate it is applied to. It is not to be used on sheetrock, plastic, rubber or linoleum surfaces.

#### **IV. Instructions:**

**A. Preparation** - Mask any areas not being stripped with plastic and masking tape.

**B. Application** -

**1. Test Patch** - Since it is often hard to know the type or the amount of paint on a surface, small test areas should be stripped to determine the proper application and dwell time needed for paint removal to occur.

**1. For stripping 3 to 4 layers of paint quickly** - Apply Multi-Strip™ to the surface at a total of approximately 1/64" thick (10 to 15 mils) with a brush, roller, trowel, putty knife or sprayer. Can be sprayed effectively using an airless sprayer Drill mix before spraying - Remove filters from sprayer & spray gun - Submerge pump directly into remover. Do not use suction hose - Use NEW 1/4" or 3/8" airless hose. Use at least a 1 GPM piston sprayer, .019-.021 reversible spray tip; A wet mil gauge should be used to measure thickness. Let the product dwell from 15 minutes to 4 hours. Follow Removal Techniques at Subdiv. C. Coverage for both, when used like this will vary between 100 and 150 sq. ft. per gallon.

**2. For removal of multiple layers or stubborn coatings** - Two test patches are suggested.

**(i) First Test Patch** - Apply the stripper approximately 1/32" thick (30 mils) to the surface. The patch then should be checked for dwell time as follows (only a portion at any one time): Check the patch first at 2 - 4 hours, then periodically thereafter. As a rule of thumb, the greater the layers of paint, the longer the product should be left on. The stripper will usually remove 8 - 12 layers of paint in 24 hours. More layers of paint (20+) may take longer (2 - 3+ days). Due to the nature of certain paints such as two part epoxy and urethanes, Multi-Strip™ may need more time to be effective. Average dwell time for these coatings may be 48 to 72 hours.

**(ii) Second Test Patch** - In some areas, some surface coatings (usually latex) soften easily, causing puffing away from the surface. In these cases, the stripper works differently so the patch should be done as follows:

a). Apply a light coat of paint stripper (approximately 5 - 10 mils) to the surface. Wait 2 - 6 hours. If the surface starts to pull away, the top layers have lifted from the surface and can be easily removed with a scraper or knocked off the surface with a broom or other device. The paint remover has penetrated through these layers and begins to soften the remaining layers.

b). While the undercoats are still soft, apply another coat of stripper at approx. 1/32" thick (20-25 mils) to the surface. The patch then should be checked for dwell time as follows (only a portion at any one time): Check the patch first at 2 - 4 hours, then periodically thereafter. As a rule of thumb, the greater the layers of paint, the longer the product should be left on. The stripper will usually remove 8 - 12 layers of paint in 24 hours. More layers of paint (20+) or chemically resistant coatings may take longer (2 - 3+ days).

c). This procedure usually applies to stripping ceilings as well.

Coverage for both when used in this manner (i) and (ii) varies between 50 and 75+ sq. ft. per gal.

3. Multi-Strip™ will easily cling to vertical surfaces. Use your tool to fill detailed, intricate or grooved surfaces. For best results apply at temperatures between 60° F and 80° F. Product activity is reduced below a temperature of 60° F and may require additional dwell time before all layers of paint are removed. If product freezes let thaw and stir vigorously until product is consistent. No Neutralization required. Clean-up with water.

### C. Suggested Removal Techniques -

#### 1. Plaster Surfaces -

(i) **Flat Plaster Surfaces** - Easiest removal is achieved using a 4" or wider **razor blade scraper** (commonly known as a wallpaper stripper) to lift the remover/paint off the surface.

(ii) **Decorative Plaster (or Wood)** - Use a **Back To Nature Stainless Steel Scraper with 5 function detail blade** to lift the paint off the surface. Use a stiff bristle brush with After-Strip or light amounts of water to remove any residue.

#### 2. Wood Surfaces -

(i) **Flat Wood Surfaces** - Easiest removal is achieved using a **Back To Nature stainless steel scraper** to strip remover/paint from the surface. Use a stiff bristle brush with After-Strip or light amounts of water to remove any residue.

(ii) **Decorative Wood** - (see Decorative Plaster)

**3. Masonry, Concrete Surfaces** - Remove bulk of remover/paint with a stiff putty knife or wire brush. Use a wire brush with After-Strip or light amounts of water to remove any residue remaining. Residue can also be removed with a high pressure washer where permitted.

**4. Metal Surfaces** - Agitate or rough up remover/paint on the surface with a **wire** brush without attempting removal. This helps to lift bottom layers from the surface. Use a 4" or wider razor blade scraper (wallpaper stripper) or stiff putty knife (pipe railings or irregular surfaces should use the putty knife) to lift remover/paint off the surface. Use a wire brush with After-Strip or light amounts of water to remove any residue.

**5. Note:** Misting the applied area with After-Strip or water prior to removal makes lifting of the paint or varnish easier. Misting with After-Strip or water also reactivates the product if it feels dry to the touch. Any residue left on a surface should be removed within a short period of time so that paint residue will not dry up and re-adhere. In some cases, it may look like the last layer of paint is still on the surface. This is not a dried layer, but paint which has been emulsified so it can be removed.

**V. Safety Instructions:** Safety goggles are recommended for eye protection. Wear protective gloves such as butyl rubber, neoprene. Maintain adequate ventilation especially in confined areas. If spraying or misting is expected use NIOSH approved chemical cartridge (organic vapor) respiratory equipment (full face respirator recommended). In case of inhalation - remove victim to fresh air and provide oxygen if breathing is difficult. In case of eye contact - flush exposed areas with large quantities of water. In case of skin contact - wash skin with soap and water. Use emollient skin creams. In case of ingestion - do not induce vomiting. Call physician immediately.

**VI. Advantages** - Safest way of removing **multiple** layers. Multi-Strip™ requires no paper covering thereby saving valuable labor time. Multi-Strip™ has twice the coverage of competitors safe strippers. It results in significantly less waste (1/2 +) than caustic strippers reducing disposal costs. It stays wet for extended periods of time. Multi-Strip™ can be applied by airless sprayer.