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## 505 SPECIAL COATINGS STRIPPER

### 1. PRODUCT DATA

**Date of Preparation:** March 1, 2015

**Product Name:** 505 Special Coatings Stripper

**Producer:** Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303

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***This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.***

### 2. PRODUCT DESCRIPTION

Diedrich 505 Special Coatings Stripper and Dry Strip (dry stripping means moist scrape off removal to deepest penetration, followed by pressure washing or hand rinsing to remove residue) are opaque, white, nonflammable, water soluble, non-damaging, digestive paint removers. Its viscous heavy body is designed to cling to vertical surfaces. Its quick action raises the coatings in 10 to 20 minutes for easy water wash-off with a garden hose or high pressure water. This thixotropic solvent can be scraped and sponged clean on interiors. 505 does not require neutralization and will not raise or discolor wood grain. A special added inhibitor prevents pre-mature dryout and stays moist longer. It contains no caustic alkali, acid, or benzol making it safer than other products.

**505 will remove:** elastomerics, epoxies, varnish, lacquers, graffiti, enamels, shellac, mastics, urethane, polyurethane, rubber-base floor and pool paints, polyester finishes, stains, tar, bubble gum, oil & acrylic paints (do not use on fiberglass, linoleum, asphalt, rubber tile, or synthetics).

**505 can be used to remove the above coatings from:** all brick, stone, masonry, concrete, stucco, plaster, wood, metal, etc: like furniture, automobiles, buildings, boats, farm and industrial machinery. *505 can be brushed, rolled, or applied with an airless sprayer.*

### 3. PRECAUTIONS

Before starting, workers must be protected by rubber suits, boots, gloves, face shields, and protective headgear. In some cases, ie. tank interiors or other enclosed unventilated areas, a respirator will be necessary.

**AVOID CONTACT WITH EYES AND SKIN.**

Protect all adjacent surfaces to the area being stripped. Open container slowly to release any pressure accumulated. Protect vegetation by water soaking the area and covering with tarpaulins or black plastic sheeting. Remove canvas awnings, and, if possible, all signs, rugs and doormats. Protect all glass synthetic or non-glass window material such as acrylic, polycarbonate, plexi-glass, lexan etc., aluminum, asphalt roofing, other metal and painted surfaces with plastic and continual water flush. Avoid drift as it may injure passersby or damage vehicles.

#### **KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.**

Fence off work area from unauthorized personnel at all times. Safety lines and suspended scaffolding must be equipped with steel cables. **Do not add to or mix with other chemicals or cleaners.** The solution is not usually damaging to other surfaces encountered in the masonry wall, but caution should be exercised to confine the material to the surfaces being treated.

#### **THOROUGHLY TEST ALL SURFACES BEFORE USING.**

Protect electrical anodized aluminum, cars, sidewalks, all other and miscellaneous adjacent items with proper precautions, and coverings, and/or by soaking down with water. Working from top to bottom or bottom to top are all acceptable techniques. If application is too thin or uneven or removal attempt is too rushed additional applications may be necessary.

**IMPORTANT: For increased dissolving of more layers of paint simply encapsulate with aluminum tin foil, aluminum coated mylar or plastic sheeting immediately to stick to a thick application of 505. Leave overnight; pull off cover, scrape, collect, or wash remove.**

Products must be stored in cool place (70°F).

### 4. TEST AREA:

A test area **MUST ALWAYS** be conducted before overall stripping operations to determine the effectiveness of the product and procedures necessary for most efficient cleaning. A test of each type of surface and each of the building's elevations must always be done. The test area chosen **MUST** be indicative of conditions on the entire project.

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## 5. APPLICATION:

**505 Special Coatings Stripper:** Stir well before using.

Apply a heavy coat of remover in one direction only. Do not brush out or back brush as you would paint. Monitor dwell time until finish lifts - usually 10 to 20 minutes. Allow less time for varnish. Remove the old finish before it dries.

**Dry Stripping:** For multi-layer paint removal or hard to remove high build coatings, apply 505 1/8" to 1/4" thick with a stainless steel chemical resistant airless sprayer, trowel or putty scraper/broad knife. Do not spread too thin, back brush or work in. For hand application use putty scraper or broad knife, apply evenly in small parcel areas. Apply in one heavy coat, not two thin coats. Dwell time for multi-layer removal on exterior surfaces is 1 to 4 hours. Dwell time may be extended by covering with plastic sheets and possibly digest more layers of paint. Whenever possible try to work in shade, especially in hot, sunny weather. Dwell time for interior use is 1 to 24 hours.

**Note:** for heavy paint buildups and high build coatings, additional applications may be required.

## 6. REMOVAL/RINSE:

**Exterior:** Before removal, thoroughly water soak area and lay down plastic sheets covered with hay. Removal can be by high pressure water wash, or scrape-off, of chemical and removed coatings, with wide-blade putty knife followed by high pressure water or garden hose rinse. Allow plastic, hay and removal material to lay out for 24 to 48 hours or until smell has disappeared, indicating the total evaporation of methylene chloride. The plastic, hay and removal residue can then be rolled up and disposed of per regulations.

When working outside or on particularly tough finishes (after applying liberal coat of stripper), cover surface to be stripped with polyethylene film. This prevents stripper from evaporating and allows a much longer time for remover to work.

**Interior:** Finishes and chemical can be scraped off with a wide blade putty knife where water use restrictions apply. Steel wool and burlap cloth can also be used. (This method is preferred on wood surfaces where water may raise the grain.) **Allow surfaces to dry THOROUGHLY before applying new finishes (3 to 5 days) and test wood with a moisture meter.** If surface has cracks or joints, such as flooring, clean out thoroughly and allow extra time for these to dry completely. NOTE: Some finishes, such as epoxies and varnish usually will not wrinkle or bubble. These may be removed with a wide putty knife, scraper or steel wool as soon as the finish is softened. For removing stains: apply as above, wait 10 minutes and scrub with household bleach and steel wool. For better cleaning, mix a little detergent with water. Allow thorough dry time.

## 7. COVERAGE:

Coverage will vary - approximately 50 to 100 sq/ft. per gallon.

ENVIRONMENTAL PROTECTION SYSTEM:  
USE DIEDRICH NEUTRA-SOAK "S" FOR SOLVENTS,  
WHICH IS A DRY ABSORBENT COMPOUND FOR  
SPILLAGE AND TO DIKE/CONTAIN AND COLLECT  
WASH-OFF RESIDUE FOR SAFER DISPOSAL AND TO  
ADDRESS LOCAL ENVIRONMENTAL REQUIREMENTS.

**WARRANTY:** ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER.

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