



HPC/Industrial Maintenance

DURAPREP™ WB Waterborne Paint Stripper

GENERAL DESCRIPTION

DURAPREP™ WB 7-531 is a water based, low VOC paint stripper. Ideal for use on wood, brick and other architectural surfaces, the DURAPREP WB 7-531 can be used in areas where abrasive blasting is not an option for environmental or economic reasons.

RECOMMENDED USES

Removing urethane flooring systems
Brick buildings
Porous and non-porous surfaces
Interiors of buildings
Railings
Removing elastomeric

FEATURES AND BENEFITS

Water Based
Easy clean up with soap and water or denatured alcohol

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

TINTING AND BASE INFORMATION

7-531

Waterborne Paint Stripper

PRODUCT DATA

VISCOSITY:	3,000 - 1,200 cps
APPEARANCE:	Yellow foamed emulsion
SPECIFIC GRAVITY:	1.00
BOILING POINT:	100°F (212°C)
FREEZING POINT:	32°F (0°C)
pH:	8-9
FLASH POINT:	177°F (81°C)
THEORETICAL COVERAGE:	40 to 90 sq. ft./gallon (3.7 to 8.3 sq. m/3.78L)

SAFETY PRECAUTIONS

Proper safety procedures should be followed at all times while handling this product. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. Read label and Material Safety Data Sheet (MSDS) for important health/safety and personal protection equipment information before use. MSDS are available through our website or by calling 1-800-441-9695.

GENERAL SURFACE PREPARATION

Masking: Cover/protect areas where stripping is not desired, including adjoining surfaces where over spray may travel. Plastic (polyethylene) sheets make a very effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application as the remover may soak through the tape, damaging paint under it. Spray all plants and vegetation liberally with water before and after application. Cover delicate vegetation to avoid damage.

Mixing: If on visual examination, water appears to have separated out of the product, thoroughly mix the stripper with a drill until it becomes homogeneous once again. (usually 2 - 5 minutes). DO NOT SHAKE. DO NOT DILUTE.

Equipment: Ensure application equipment is free of any previously applied products or chemicals or solvents (especially mineral spirits). Clean with denatured alcohol prior to use.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

MIXING AND APPLICATION INFORMATION

Test Area: Always prepare a test area prior to full application. This will indicate the time required for project completion, approximate square foot usage and suitability of product for the paint and the substrate.

Application: Apply a thick even layer of stripper onto the coating being removed. An airless sprayer is the most effective means of application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. The minimum wet film thickness should be 15 mils (300 microns). The stripper must be applied 1.5 to 2 times the coating dry film thickness of the coating to be removed, i.e. 20 mils of coating requires 28-40 mils of stripper to be removed effectively. High pressure is neither required nor desired. High pressure and narrow tip sizes will break the strippers emulsion and will reduce its effectiveness. When trying to build up films thicker than 30 mils (600 microns) it is advisable to build the stripper film in two separate applications. First apply a light coat of approximately 15 mils, thick enough to hide the surface color of coating and allow it to dwell for 5 - 30 minutes and then build the rest of the stripper film thickness in the second application. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce lower film build and inconsistent thickness of stripper.

Re-application: When there are multiple layers of paint, it is quite likely that there is poor intercoat adhesion between some layers. Premature lifting may occur at this interface. If this happens, remove the lifted layers and reapply the stripper. Do not allow the stripper to dry out. The stripper is designed to remain wet and effective over extended periods of time (up to 48 hours) but excessive sunshine, windy conditions or insufficient stripper thickness can cause early drying. If the stripper starts to dry, reapply a light coating and allow extra time for completion.

MIXING AND APPLICATION INFORMATION

Equipment and Tools: This product is engineered for airless spray application. Use only airless equipment with chemical resistant packing, such as a Titan 440i or larger pump. Even the smallest airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger (Example: a 519 or 425 tip). Other equipment: brushes, rollers, scraper, masking tape, plastic (polyethylene) sheet, pressure washer, electric drill with mixer, empty pails for clean-up, water. Roller application should be used ONLY for horizontal surfaces.

Dwell Time: The time required for penetration varies according to the type of paint, and the temperature. Most paint systems require 2 to 24 hours. Leave the stripper overnight for best results. Dwell time and stripper thickness required is best determined by test area.

Removal and Cleanup: Removal of lifted paint can be completed by scraper, squeegee, wet/dry vacuum suction system or by pressure wash. If pressure washing is used, protect all areas that may come in contact with stripper residue and removed paint from pressure washer operations. Pressure wash from the bottom up on vertical surfaces to prevent rinse water from deactivating stripper in sections below pressure washing removal operations. The stripped surface must be rinsed with water or denatured alcohol to remove all chemical residues before repainting. Collect lifted paint and dispose of it in accordance with local government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Clean up spray equipment by running water or denatured alcohol through the equipment soon after the spraying has been completed.

LIMITATIONS OF USE

Surface temperatures should be at 50°F to 95°F (10°C to 35°C). The product performs effectively at lower temperatures, but the dwell time increases. Above 85°F (30°C) product may need to be over applied, re-applied or covered with plastic to prevent drying during dwell time. Always prepare a test area prior to full application. For Professional Use Only; Not Intended for Household Use.

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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