

IDEAL-STRIPER 21

Paint remover

DESCRIPTION

Ideal Stripper 21 is a low VOC, water-based paint remover that will effectively lift epoxies, urethanes, lead based architectural coatings, and powder coatings. Recommended for use on nearly all substrates including steel, aluminum, concrete, masonry, wood, (lead based paints) or in any area where worker safety or damage to delicate equipment may be a concern. Ideal Stripper 21 contains no TAP's or Hap's, offers easy cleanup with soap and water or denatured alcohol.

FEATURES AND BENEFITS

- Water Based, non Flammable
- Does not affect glass.
- Contains no TAP's or HAP's (Toxic/Hazardous Air Pollutants)
- Easy clean up with soap & water or denatured alcohol
- Non-ozone depleting / Low odor
- Easily sprayed with standard equipment

RECOMMENDED USAGE

- Industrial flooring
- Decorative concrete
- Epoxy
- Removal of lead based paints
- Any area where abrasive blasting is not an option for environmental, economic or surface damage may be of concern.

DIRECTIONS FOR USE

Test Area

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

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 Ideal Stripper 21, thoroughly mix the stripper with a drill until it becomes homogeneous once again, usually 2-5 minutes. DO NOT SHAKE. DO NOT DILUTE.

Equipment and Tools

Ideal Stripper 21 is engineered for airless spray application. Ensure application equipment is free of any previously applied products or chemicals or solvents (especially mineral spirits). Clean with denatured alcohol prior to use. 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.

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 thicker than the coating to be removed, e.g. 20 mils of coating requires 28-40 mils of stripper to be removed effectively. 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) allow it to dwell for about 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.

Removal and Cleanup

Removal of lifted paint can be completed by scraper, squeegee, or 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. Only use plastic containers. Clean spray equipment by running water or denatured alcohol through the equipment soon after the spraying has been completed.

LIMITS ON USE

Surface temperatures should be at 50°F to 95°F (10°C to 35°C) Ideal Stripper 21 performs effectively at lower temperatures, but the dwell time must be increased. Above 85°F (30°C), product may need to be over applied, re-applied or covered with plastic to prevent drying during dwell time. Ideal Stripper 21 will not strip novalac epoxies.

PACKAGING AND STORAGE

18,9 Lt plastic buckets

IDEAL STRIPPER 21 should be kept in a safe place and the seal should not be broken until use. Shelf life is approximately 24 months.

TECHNICAL INFORMATION

Viscosity: 30-60,000 cps

Appearance: Orange gelled emulsion

Specific Gravity: 1.02

Boil/Freeze Pt: 212°F/32°F (100°C / 0°C)

pH: 2-3

Flash Point: >212°F (100°C)

Theoretical Coverage: 25 to 90 sq. ft/gallon

VOC: 397 g/L & 67 g/L (alternate)

SAFETY REQUIREMENTS

Proper safety procedures should be followed at all times while handling this product. Refer to the Material Safety Data Sheet for important health/safety information before use. Do not collect and/or store removed paint and stripper waste residue in metal containers. Only use plastic containers. See general warning.

IMPORTANT:

All information contained herein are based on the best practical or laboratory tests. It is customer's responsibility to check that the product is suitable for the use he intends to. The manufacturer declines all responsibility for the results of false applications. It is recommended to perform always a test on small surfaces before its application. This technical sheet avoids and substitutes the previous ones. Data can be modified at every time. We remind you that the products by Ideal Work are made for professional use and that Ideal Work provides for periodical trainings of its customer who ask for it. Who uses these products being not qualified for it, does it under proper risk.

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