Polyvine Technical Data Sheet Varnish and Paint Remover

We believe this is the safest varnish and paint remover in the world.

This unique emulsion gel is a water-based, non-toxic, varnish and paint remover.
Removes all oil and water-based paints (including old lead), emulsions, lacquers, varnishes, and polyurethanes.
Can be used on all metals including aluminium, wood brick, slate, plaster, and fiberglass.

Most paint strippers contain the following chemicals: Methyl Pyrrolidone, Ethly Pyrrolinone, Methylene Chloride, Methanol, Dimenthyl Sulphoxide, Benzyl Alcohol, Gamma Butyrolactone, Caustic Alkalis, Ethanol, Acetone, Methoxy Alcohols.

Polyvine varnish and paint remover **does not contain** any of these hazardous ingredients.

Polyvine varnish and paint remover uses innovative technology that removes all hazardous solvents and alkalis and replaces them with water, making this a safe and environmentally responsible product.

Polyvine varnish and paint remover is a non-toxic product consisting predominantly of water, and yet exhibits very effective paint, varnish, and lacquer plasticising/softening characteristics. This is a totally different chemistry to that of normal solvent-based formulations where there is no chemical reaction within the formulation, only with the surface and coating being stripped. All components in the formulations are well established and have a long history as non-hazardous materials. All ingredients were carefully selected for their user and environmental benefits. **This product is virtually VOC free (less than 1g/L VOCs).**

Safe to use on any type of surface - no efflorescence on any type of substrate (porous or non-porous).
Surfaces include: Wood (hard & soft) - Marble - Stone – Brick - Concrete - Plaster - Ceramic Tiles - GRP - Aluminium - Brass and other soft metals.

APPLICATION

How to Use:
With Large areas and in high temperatures keep the varnish and paint remover wet to ensure effective softening.
Apply liberally with a brush. Remove after the required time with a scraper, or ideally use a stainless-steel scouring ball. (Do not use wire wool as this will create red rust which will stain the surface).
Apply further coats if required to completely remove the coating.
For removal of stubborn layers, apply a second coat.
If the coating is extremely stubborn, apply liberally, cover with a plastic film (to avoid evaporation) and leave overnight.
Scrape a small test area to see if finish is ready for removal.
Cleaning of intricate carvings and/or moulding’s is improved by wrapping in plastic sheeting (cling film or foil) and leaving overnight.
No special after treatment required. Simply wash down with a wet cloth or, if using on external surfaces, use either a pressure hose or a plastic brush and bucket of water.
Due to the large number of coatings available on the market, the compatibility of Polyvine varnish and paint remover cannot be confirmed without a test patch.

Perform a small test in an inconspicuous area to determine optimum dwell time and performance, reaction time, substrate compatibility and material requirements.

Confirming this step prior to full application will save materials and time.

Test patches should be made on unknown surface coatings. Testing before beginning the project is the best way to ensure product suitability and dwell time (how long to leave the remover before scraping). Applying unevenly, or, removing the paste before the coating is softened will result in poor results.

Apply enough stripper to keep the entire surface evenly saturated and wet during the dwell period. It needs to penetrate through the coating to saturate the film to enable easier delamination. After reaching the sufficient dwell time use a scraper to easily lift the paint from the substrate. If it does not remove easily and the solution has begun to dry, reapply solution as needed to allow a longer dwell time. If the project is outdoors, the temperature is high, or for removal of particularly stubborn layers where extended dwell time is needed, cover with plastic sheeting and leave for a longer period of time.

CAUTION

Always apply to a test area before starting work.
Do not leave longer than recommended on veneered surfaces.

Recommended stripping times.
Multi-Layered paint: 1 hour to overnight.
Wood Stains, Varnishes, Lacquers, Shellac: 15- 30 minutes.
Polyurethanes & Acrylics: 30-45 minutes.
The above times are approximations and subject to substrate.

Varnish & Paint Remover is not a pollutant. Care must be taken to ensure that any paint solids do not enter surface water drains. Do not mix with other products.

Lead in Paint

Lead paint is one of the major sources of lead in older houses. It is recorded that about two-thirds of the homes built before 1940, and one-half of the homes built from 1940 to 1960 have been decorated with lead-based paint. Some homes built in the 60's and early 70's may contain some lead too. Polyvine Varnish and Paint Remover is a “working wet system” that keeps the paint wet at all times, significantly reducing any risk of dust and therefore exposure to harmful particles.

Storage Conditions

Do not allow to freeze.
Coverage: approximately 4-6 sq. meters per litre.

HEALTH SAFETY AND THE ENVIROMENT

This white emulsion gives a slight almond odour but without any fumes. Melting point less than –10 degrees C with a boiling point of 101 degrees C. PH neutral.

This product can be used in confined spaces without any respiratory protection; however, some softened paints may give off toxic fumes. Does not burn the skin, but protective gloves are recommended for long exposure. Label instructions should be read prior to use.

Non-hazardous. Ensure good ventilation. Keep out of reach of children. Contact with eyes: wash immediately with warm water. Remove excess from tools and mixing vessels before washing in warm soapy water. Do not empty containers into drains or watercourses.

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to assess the suitability of the product on a test area before application.

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