



LANGRIDGE

PRODUCT INFORMATION SHEET

ARTISTS WHITE SPIRIT

Product Description

Economical all purpose solvent.
Ideal for cleaning brushes as it has a strong detergent action.
Has distinctive petroleum odour.

Product Code: 013

Constituents

Refined distillate of petrolleum.

Product Application

For artistic use must be completely anhydrous, or water-free.

Artists White Spirit has particularly good detergent action making it a highly useful all purpose solvent from the cleaning of artists' equipment to removal of surface dirt from paint films (Langridge does not recommend thorough cleaning, including varnish removal, of artworks except by a trained conservator.).

Although not recommended, it can be used as a diluent when used in small quantities with oil colours. Extreme care should be taken, however, in diluting purely with Artists White Spirit as its over-use can easily underbind paint and lead to a dull, dry lifeless film with potential for dusting or flaking off. Artists wishing to create very fluid working qualities should refer to painting mediums constructed for that purpose*.

Artists White Spirit can be added to artists' drying oils to add extra fluidity**

If wishing to home manufacture an artists' synthetic varnish (Paraloid B67MT, Laropal K80, etc.) or using a varnish or a medium with a synthetic resin content Artists' White Spirit should be used when wishing to dilute or remove. Artists' synthetic resins are only fully dissolved in petrolleum distillates.

Damar resin is only fully dissolved in Gum Turpentine, petrolleum distillates only partially dissolve natural resins such as damar and prevent full hardening of the resin film.

For cleaning brushes Langridge recommends the use of brush cleaning units or containers which have an airtight lid. Reducing exposure to solvent fumes is to advised at all times aswell as preventing evaporation of solvent in the container.

Artists White Spirit leaves no residue after evaporation.

Additional Product Information

Concerns about solvents

If concerned about contact with Artists White Spirit (see related Material Safety Data Sheet) then Langridge Odourless Solvent, a lower toxicity alternative, can be used.

Damar resin cannot be dissolved in Odourless Solvent or any petrolleum distillate.

Using solvents to matte paint

Artists wishing to have a painting with a matte reflective quality should use a matte medium added to their paints or apply a matt picture varnish once the painting is finished.

The use of solvents to matte paint is not recommended because the matte effect seen is due to the partial destruction of the paint film, leaving an unstable, underbound paint surface liable to crack or dust/flake. Although there are well documented examples of artists in the 20th century using solvents for matting they generally have the same conservation issues described here. Much effort from conservators are expended on preventing further deterioration of these unstable paint films.

Working Properties

Appearance

Langridge Artists White Spirit is a clear and transparent liquid with characteristic petrolleum odour.

Clean Up

For further washing apply a small quantity of Marseille or other pure olive oil soap and massage the bristles of the brush to release any remaining White Spirit. Wash thoroughly in warm water. Leave to fully dry before using for oil colours.

Evaporation Times

10ml in 55mm wide open cup at 20° centigrade ambient temperature full evaporation after 2 hours. Any airflow over the surface will evaporate the solvent more rapidly.

Available in:

100ml (0131), 500ml (0135), Litre (013L), 4 Litre (0134), 20 Litre (0132)

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** See Product Information Sheet 'Underpainting Medium'*

*** See Product Information Sheet 'Stand Oil'*

Disclaimer

The above information is based on research and testing done by Langridge Artist Colours Pty Ltd and is provided as a basis for understanding the potential uses of the product mentioned. Due to the numerous variables in methods, materials and conditions of producing art, Langridge Artist Colours Pty Ltd cannot be sure the product will be the correct for the artists intended use. Therefore, we urge product users to test each application to ensure all individual requirements are met. While we believe the above information is correct, We make no express or Implied Warranties of Merchantability or Fitness for a particular purpose. Langridge shall in no event be liable for any damages (indirect, consequential or otherwise) that may occur as a result of a product application