



LANGRIDGE

ARTIST COLOURS

PRODUCT INFORMATION SHEET

Solvent 75

Product Description

Lowest toxicity art solvent available, recommended for a safer studio environment.

Diluent and solvent for oil colours.

Highly refined odourless mineral spirits (OMS). 100% purity.

Alternative to traditional artists' solvents reducing exposure to the more harmful compounds associated with turpentine and general petroleum distillates that contain acetone & toluene.

Completely odourless.

Leaves no residue after evaporation.

Product Code: 043

Constituents

Refined aliphatic distillate of petroleum.

Product Application

Flashpoint

75°C (167°F)

Permissible Exposure Level

300 parts per million parts.

To be used as a diluent when used in small quantities with oil colours.

Langridge Solvent 75 may be added to oil colours, drying oils and oil mediums in small quantities, used to clean dried paint films and to clean brushes and painting equipment.

Solvent 75 can be added to artists' drying oils to add extra fluidity. Extreme care should be taken, however, in diluting purely with solvent as its over-use, like all artist's solvents, 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.

Solvent 75 has a low solvent action (KB value) making it a highly useful for gentle removal of surface dirt from paint films (Langridge does not recommend thorough cleaning, including varnish removal, of artworks except by a trained conservator.).

Because of its construction, Langridge Solvent 75 cannot be used for the home manufacture of artists' varnishes (natural or synthetic). Damar resin cannot be dissolved in Langridge Solvent 75 or any petroleum distillate.

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 as well as preventing evaporation of solvent in the container.

Additional Product Information

A Low Toxic Alternative

Because Langridge Solvent 75 has a Permissible Exposure Level (PEL) of 300 parts per million parts of air, far higher than other artist's solvents, opportunity to exposure of harmful fumes, in comparison to traditional solvents, are dramatically reduced.

Associated issues with prolonged contact with traditional artists' solvents such as dermatitis, skin and respiratory organ irritation, headaches, etc. can be dramatically reduced or removed by the use of Langridge Solvent 75.

Langridge still recommends the use of good studio ventilation (e.g. open windows) to increase airflow with preferably a properly installed exhaust system.



Travelling with Solvent 75

Because Langridge Solvent 75 has a Flash Point of 75°C (167°F) it is deemed as NON-Dangerous Goods and may be transported by air, road and rail transport as set out by regulations of the International Air Transport Association (IATA).

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 matte 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.

WORKING PROPERTIES**Appearance**

Langridge Solvent 75 is a clear and transparent liquid with no 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 Solvent 75. 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 3 hours.

Any airflow over the surface will evaporate the solvent more rapidly.

Available in:

100ml (0431), 500ml (0435), Litre (043L), 4 Litre (0434), 20 Litre (0432)

Langridge Artist Colours Pty Ltd

23/155 Hyde Street, Yarraville. Victoria. 3013

www.langridgecolours.com

Tel: 03 9689 0577

Date of Issue: July 2018

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.