

Technical Data Sheet



W V C O

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Partnering through
service, innovation, and
integrity

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WV WAX SW-4500

Engineered Slack Wax for Wood Composites

DESCRIPTION

Willamette Valley Company has formulated a slack wax product for use in wood composite panel production that is designed to reduce thickness swell as well as water absorption.

WHERE TO USE

- Particleboard
- MDF/HDF

FEATURES AND BENEFITS

- Reduced Thickness Swell
- Reduced Water Absorption
- Lubricated Furnish for More Efficient Resin Transfer

PACKAGING

1-Gal. Samples
Heated Tanker Truck
Rail Car

SHELF LIFE

Indefinite as solid

STORAGE

Maintain temperatures between 160°F – 180°F. If allowed to cool and solidify, apply heat until molten.

TECHNICAL INFORMATION

TYPICAL PROPERTIES

Density 175°F - kg/m ³ (lbs./gal.)	777 (6.48)
Density 70°F - kg/m ³ (lbs./gal.)	906 (7.56)
Oil Content wt%	4%
Flash Point ASTM D 92 °C (°F)	233 (451)
Congeaing Point °C (°F)	59 (138)

APPLICATION

Ensure WV WAX SW-4500 is fully melted and maintain temperature between 160°F – 180°F. Apply to blender and furnish in molten state through air nozzles or spin disk atomizers between 1 – 3 % in relation to dry wood mass depending on performance needs.

CLEAN-UP

Clean-up is simple and requires hot water, detergent and scrubbing.

NOTES

This product may be supplied as a solid or in a molten state. Regardless of how it is received, to be used, the material needs to be molten (between 160°F – 180°F).

HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS please call 800-333-9826 or send an email to: sds@wilvaco.com.

CONTACT INFORMATION

Please see the side bar on the front page for the Division nearest to your location.

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