

# Technical Data Sheet



The Willamette Valley  
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Partnering through  
service, innovation, and  
integrity

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# WV WAX SW-53100

## Engineered Slack Wax for OSB

### DESCRIPTION

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

### WHERE TO USE

- OSB
- Particleboard
- MDF
- OSL

### FEATURES AND BENEFITS

- Reduces Thickness Swell
- Reduces Water Absorption
- Lubricates Flakes 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 70°F - kg/m <sup>3</sup> (lbs./gal.)	848 (7.08)
Density 185°F - kg/m <sup>3</sup> (lbs./gal.)	786 (6.56)
Oil Content wt%	9.5%
Flash Point ASTM D 92 °C (°F)	279 (535)
Congeaing Point °C (°F)	66 (151)

### APPLICATION

Ensure WV WAX SW-53100 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).

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### HEALTH AND SAFETY

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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: [msds@wilvaco.com](mailto:msds@wilvaco.com).

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### CONTACT INFORMATION

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