

# Technical Data Sheet



Willamette Valley Company

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Partnering through  
service, innovation, and  
integrity

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# WV WAX SW-4950

## Experimental 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 properties.

### WHERE TO USE

- OSB, OSL, Particleboard, and MDF
- Industrial Mills and Plants

### FEATURES AND BENEFITS

- Reduced Thickness Swell
- Reduced 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.)	860 (7.18)
Density 185°F - kg/m <sup>3</sup> (lbs./gal.)	797 (6.65)
Oil Content wt%	12%
Flash Point ASTM D 92 °C (°F)	502 (261)
Congealing Point °C (°F)	65 (149)

### APPLICATION

Ensure WV WAX SW-4950 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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