

# Technical Data Sheet



The Willamette Valley  
Company LLC

www.wilvaco.com

800.333.9826

Partnering through  
service, innovation, and  
integrity

#### WESTERN DIVISION

660 McKinley Street  
Eugene OR 97402  
Tel. 800.333.9826

#### EASTERN DIVISION

6662 Marbut Road  
Lithonia GA 30058  
Tel. 888.878.9826

#### MIDWEST DIVISION

1549 Hwy 2  
Two Harbors MN 55616  
Tel. 218 834 3922

#### SOUTHERN DIVISION

100 Dixie Mae Drive  
Pineville LA 71361  
Tel. 800 444 9826

# 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%
Viscosity 212°F – cSt	12 (Max)
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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Please see the side bar on the front page for the Division nearest to your location.

#### THE WILLAMETTE VALLEY COMPANY LLC

[www.wilvaco.com](http://www.wilvaco.com)  
[info@wilvaco.com](mailto:info@wilvaco.com)

#### OTHER DIVISIONS

##### PERFORMANCE COATINGS

990 Owen Loop North  
PO Box 2280  
Eugene, OR 97402  
Tel 541.484.9621  
[www.polyquik.com](http://www.polyquik.com)  
[www.wvcorailroad.com](http://www.wvcorailroad.com)

##### PRECISION TECHNOLOGIES DIVISION

990 Owen Loop North  
Eugene, OR 97402  
Tel 541.484.2368  
[www.pre-tec.com](http://www.pre-tec.com)

##### CANADIAN DIVISION SURREY BRANCH

19081- 27<sup>th</sup> Avenue  
Surrey BC V3S 5T1  
Tel. 800.663.4298

#### SUBSIDIARIES

##### ECLECTIC PRODUCTS INC.

Corporate Office  
990 Owen Loop North  
Eugene, OR 97402  
Tel 541.284.4667  
[www.eclecticproducts.com](http://www.eclecticproducts.com)

##### IDAHO MILL & GRAIN

445 North 430 West Hwy  
PO Box 188  
Malad City, Idaho 83252  
Tel 208.766.2206

##### TAPEL WILLAMETTE LTD. S.A.

Av. Estero La Posada 3625  
Parque Industrial Coronel  
Coronel, Chile  
Tel 011.56.41.2 928.100  
[www.tapel.cl](http://www.tapel.cl)

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