

# Technical Data Sheet



Willamette Valley Company

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-50100

## 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

- Reduced Thickness Swell
- Reduced Water Absorption
- Lubricated 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.)	810 (6.76)
Density 185°F - kg/m <sup>3</sup> (lbs./gal.)	794 (6.63)
Oil Content wt%	20%
Flash Point ASTM D 92 °C (°F)	249 (480)
Congeaing Point °C (°F)	54 (129)

### APPLICATION

Ensure WV WAX SW-50100 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: [msds@wilvaco.com](mailto:msds@wilvaco.com).

---

### CONTACT INFORMATION

---

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

#### WILLAMETTE VALLEY COMPANY

[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)

---

#### DISCLAIMER OF WARRANTY

TEST RESULTS ARE TO BE CONSIDERED AS REPRESENTATIVE OF CURRENT PRODUCTION AND SHOULD NOT BE TREATED AS SPECIFICATIONS. WHILE ALL THE INFORMATION PRESENTED IN THIS DOCUMENT IS BELIEVED TO BE RELIABLE AND TO REPRESENT THE BEST AVAILABLE DATA ON THESE PRODUCTS, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE SUITABILITY OF ANY CHEMICAL COMPOUNDS FOR ANY PARTICULAR USE, OR THAT ANY CHEMICAL COMPOUNDS OR USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. EACH USER SHOULD CONDUCT A SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE.



W07-R&D-TDS-073

R01

Revised: May 2018