

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-5400

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

- OSB
- LSL
- Particleboard
- MDF/HDF

FEATURES AND BENEFITS

- Reduced Thickness Swell
- Reduced Water Absorption
- Lubricates Furnishes 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 ³ (lbs./gal.)	855 (7.14)
Density 185°F - kg/m ³ (lbs./gal.)	810 (6.76)
Oil Content wt%	15%
Flash Point ASTM D 92 °C (°F)	260 (500)
Congeaing Point °C (°F)	64 (147)

APPLICATION

Ensure WV WAX SW-5400 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 or how it is 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.

**THE WILLAMETTE VALLEY
COMPANY LLC**
www.wilvaco.com
info@wilvaco.com

OTHER DIVISIONS

PERFORMANCE COATINGS
990 Owen Loop North
PO Box 2280
Eugene, OR 97402
Tel 541.484.9621
www.polyquik.com
www.wvcorailroad.com

**PRECISION TECHNOLOGIES
DIVISION**
990 Owen Loop North
Eugene, OR 97402
Tel 541.484.2368
www.pre-tec.com

**CANADIAN DIVISION
SURREY BRANCH**
19081- 27th 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

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



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