

TECHNICAL DATA BULLETIN



OLYMPIC® Exterior Alkyd Lo-Sheen Finish 54691 Series

PRODUCT DESCRIPTION

PRODUCTS

Olympic Exterior Alkyd Lo-Sheen Finish

54690 Antique White
54691 Pastel Base
54692 Tint Base
54693 Deep Base
54699 Cape Cod Gray

TYPE

Oil-Alkyd Resin

RECOMMENDED USE

For use by Professional Authorized Factory Finishers over wood, hardboard, oriented strand board and other wood-based exterior surfaces. OLYMPIC Lo-Sheen Finish provides an attractive low sheen finish and results in a tough mar and block resistant film. EXTERIOR ALKYD LO-SHEEN FINISH cannot be used for field applications (touch-up or trim application) to stationary structures.

TINTING

Can be tinted to most *Olympic* solid color paint and stain colors and *Machinecoat*® Pro-Mix colors. Additional *Pittsburgh*® Paints colors can be obtained by using the tint bases in conjunction with the *Pittsburgh* Paints Custom Colors. This system also allows for custom color matching to non-PPG colors.

SHEEN

Lo-Sheen

PERCENT SOLIDS BY WEIGHT

54691 (Typical)	75% ± 2.0%
PERCENT SOLIDS BY VOLUME	

54691 (Typical)	56.1% ± 2.0%
-----------------	--------------

ENVIRONMENTAL STATEMENT

These coatings are not formulated with any lead containing ingredients. These products comply with the Consumer Product Safety Commission "Ban of Lead Containing Paint" (16CFR1303).

To obtain current VOC information on these or any *Olympic* product, call TOLL-FREE: 1-800-441-9695.

APPLICATION DATA

SURFACE PREPARATION

Proper surface preparation is essential for the OLYMPIC limited warranty to apply. Surfaces must be free of dust, sawdust, moisture, oil, grease, mildew, and other contaminants. Substrates should be checked for moisture content. All wood to be coated must be below 19% moisture content.

MIXING DIRECTIONS

Stir thoroughly using a wide paddle or mechanical stirrer. To ensure all solids are agitated from the bottom of the container.

APPLICATION METHODS

Apply with approved Machine Application equipment, brush, or spray equipment.

THINNING

Thinning is not usually required. If necessary, thin sparingly with paint thinner. Do not add oil.

DRYING TIME

77°F (25°C) 50% relative humidity

Dust-Free:	1 to 2 hours
To Touch:	4 to 6 hours
To Recoat:	24 hours

Allow overnight drying or 24 hours prior to handling and stacking. Dry rate is adversely affected by high humidity and may vary depending upon temperature, degree of air movement, wood species, and film buildup.

When finishing redwood, cedar, or Douglas fir, follow recommended or published drying parameters and examine for discoloration. If any discoloration is found, apply a second coat.

RECOMMENDED SPREADING RATE

One U.S. gallon (3.78 L) will cover approximately 250 to 300 sq. ft. (23.2 to 27.9 sq. meters). Two coats may be desired for enhanced durability and protection. Coverage figures do not include losses due to mixing, transfer or application of coating, nor losses due to surface irregularities or porosity.

CLEANUP

Clean equipment with mineral spirits or other high quality paint thinner.

DANGER - Rags, steel wool or waste soaked with Exterior Alkyd Lo-Sheen Finish products may spontaneously catch fire if improperly discarded.

Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

Pensky-Martens
54691 116°F (46.7°C)

APPLICATION PRECAUTIONS

Do not apply if surface temperature is below 50°F (10°C).

LIMITATIONS

APPLICATION LIMITATIONS

For use by Professional Factory Finishers. These products are designed for wood based materials and should not be used over bare, untreated metal.

Not recommended for horizontal surfaces or immersion service.

All wood to be coated must be below 19% moisture content.

The statements and methods presented in this bulletin are based upon the best available data and practices known to PPG Architectural Finishes, Inc. at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG Architectural Finishes, Inc. is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG AF Sales Representative or the PPG AF Customer Communications Center for the most up-to-date information.

PACKAGING

U.S. MEASURE

Available in 5 gallon (18.9 Liters) containers.

WEIGHT PER U.S. GALLON

54691 (Typical) 11.34 lbs. (5.15 kg)
± 0.2 lb. (91 g)

FLASH POINTS

AVAILABILITY

Available from stock at PPG AF Distribution Centers. Order through any Sales Representative or distributor of *Olympic Stains*.

TECHNICAL SERVICE

Technical Services are available from your Sales Representative or the PPG AF Customer Communication Center at 1-800-441-9695.

SAFETY PRECAUTIONS

SAFETY

These materials are designed for application by professional, trained personnel using proper equipment under controlled conditions, and are not intended for sale to the general public.

Safe application of paints and coatings requires individual training, in addition to knowledge of the equipment and the materials being used. Directions and precautionary information on both equipment and products should be carefully read and strictly observed for personal safety and property protection. Consideration must be given to eliminate conditions which may generate hazardous atmospheres during spray application or subject operators or bystanders to injury or illness. Special precautions must be taken when utilizing spray equipment, particularly airless equipment. High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital. Treatment advice may be obtained from Poison Centers. Air quality should be maintained with adequate ventilation. Additional protection can be achieved by wearing respirators and other protective garments such as gloves and overalls. In all cases, wear protective eye equipment. During the application of all coating materials, all flames, welding and smoking must be prohibited. Explosion-proof equipment must be

used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use.

PRECAUTIONARY INFORMATION

Before using the products listed in this publication, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

54691 Pastel Base

WARNING! MAY BE HARMFUL IF SWALLOWED OR IF VAPOR OR SPRAY MIST IS INHALED. CAUSES SLIGHT SKIN IRRITATION AND EYE IRRITATION. SANDING AND GRINDING DUSTS MAY BE HARMFUL IF INHALED.

COMBUSTIBLE. Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke.

CONTAINS: Naphtha (8052-41-3), Quartz (14808-60-7), Titanium Dioxide (13463-67-7), Alkyd Resin (66070-60-8), Silica Cristoballite (14464-46-1), Diatomaceous Earth (68855-54-9), Methyl Ethyl Ketoxime (96-29-7), Ethyl Benzene (100-41-4).

This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer or silicosis depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications.

Lifetime inhalation exposures to Methyl Ethyl Ketoxime (MEKO) has caused liver cancer in rats and mice. Avoid contact with skin and eyes and avoid breathing of vapors and spray mist. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Wear safety glasses and protective clothing and gloves.
USE WITH ADEQUATE VENTILATION.

Overexposure to vapors may be prevented by ensuring proper ventilation controls, vapor exhaust or fresh air entry. A NIOSH-approved air purifying respirator with the appropriate chemical cartridges or a positive-pressure, air-supplied respirator may also reduce exposure. Follow the respirator manufacturer's directions for respirator use.

DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

FIRST AID

If swallowed, gently wipe or rinse the inside of the mouth with water. Water may be given if person is alert. If skin/eye contact occurs, flush the affected areas with warm water for at least 15 minutes. Remove contact lens. A mild soap may be used on the skin if available. If inhaled, remove from area to fresh air. If breathing is difficult, get medical attention immediately. If ingestion, any type of overexposure or symptoms of overexposure occur during or following the use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY; have label information available. Close container after each use. KEEP OUT OF THE REACH OF CHILDREN. Emergency Medical or Spill Control Information in U.S. (304) 843-1300, in Canada (514) 645-1320, in Mexico 01-800-00-21400.

WARNING: This product contains a chemical known to the State of California to cause cancer.

RESPIRATOR RECOMMENDATION

When available ventilation may not be adequate, workmen applying these materials must wear respiratory protection. Choose the proper respirator with the aid of the following information:

Outdoor or open areas: Use appropriate NIOSH-approved particulate filter type respirators to remove solid airborne particulate from overspray.

Restricted ventilation areas: Use a NIOSH-approved air purifying respirator with organic vapor cartridges and appropriate pre-filters which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use NIOSH-approved positive-pressure air-supplied respirators or hoods.

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it is to be properly fitted.

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets for the *Olympic* products mentioned in this publication are available through your *Olympic* Sales Representative.

MEDICAL RESPONSE

Emergency Medical or Spill Control Information
U.S.: (304) 843-1300
Canada: (514) 645-1320
Mexico: 01-800-00-214



© 2002

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272
call Toll Free: 1-800-441-9695
Visit our web site: www.olympic.com

T.D. 3003
4/02 (Supersedes 2/01)
Printed in U.S.A.



Olympic is a registered trademark of PPG Architectural Finishes, Inc.

Dist. by and ©2001: PPG Architectural Finishes, Inc.

One PPG Place, Pittsburgh, PA 15272

PPG ARCHITECTURAL FINISHES, INC./ ONE PPG PLACE/PITTSBURGH, PA 115272

CALL TOLL FREE: 1-800-441-9695

Visit our web site at <http://www.olympic.com>

International Sales Representation through PPG Industries, Inc.

International Sales Department, Pittsburgh, PA (412) 434-2049, TLX-199107 PPG PGH

In Canada: PPG Canada, Inc. – Architectural Coatings

1330 Castlefield Avenue

Toronto, Ontario, Canada M6B 4B3