



# UNIVERSAL FLATTENING PASTE 1B.500

## Features

- Universal Flattening Paste

## General Description

Lenmar® Universal Flattening Paste, 1B.500, is an additive designed to reduce the gloss or sheen of Nitrocellulose Lacquers, CAB Acrylic, Pre-catalyzed Lacquer and Conversion Varnish products, both white and clear.

## Recommended For

This product may be added to Nitrocellulose Lacquers, CAB Acrylic, Pre-catalyzed Lacquer and Conversion Varnish products, both white and clear.

## Limitations

- It is important to understand that the higher the solids of a product, the greater the amount of flattening paste that may be needed to obtain the desired sheen. See Chart on Page 2. Do not exceed 10 oz. per gallon.

## Product Information

<b>Colors — Standard:</b> N/A	<table border="1"> <thead> <tr> <th>Technical Data</th> <th colspan="2">Flattening Paste Additive</th> </tr> </thead> <tbody> <tr> <td>Weight Solids</td> <td colspan="2">24% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">15% ± 1.0%</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">51 °F (10.6 °C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">N/A</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>- Min.</td> <td>68 °F</td> </tr> <tr> <td></td> <td>- Max.</td> <td>90 °F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">1A.519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">8.1 – 8.3 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>- Min.</td> <td>50 °F</td> </tr> <tr> <td></td> <td>- Max.</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td></td> <td>724 Grams/Liter</td> <td>6.04 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data	Flattening Paste Additive		Weight Solids	24% ± 1.0%		Volume Solids	15% ± 1.0%		Flash Point	51 °F (10.6 °C)		Gloss / Sheen	N/A		Surface Temperature at Application	- Min.	68 °F		- Max.	90 °F	Thin With	Do Not Thin		Clean Up Thinner	1A.519 Lacquer Thinner		Weight Per Gallon	8.1 – 8.3 lbs		Storage Temperature	- Min.	50 °F		- Max.	90 °F	<b>Volatile Organic Compounds (VOC)</b>				724 Grams/Liter	6.04 Lbs./Gallon
Technical Data	Flattening Paste Additive																																										
Weight Solids	24% ± 1.0%																																										
Volume Solids	15% ± 1.0%																																										
Flash Point	51 °F (10.6 °C)																																										
Gloss / Sheen	N/A																																										
Surface Temperature at Application	- Min.	68 °F																																									
	- Max.	90 °F																																									
Thin With	Do Not Thin																																										
Clean Up Thinner	1A.519 Lacquer Thinner																																										
Weight Per Gallon	8.1 – 8.3 lbs																																										
Storage Temperature	- Min.	50 °F																																									
	- Max.	90 °F																																									
<b>Volatile Organic Compounds (VOC)</b>																																											
	724 Grams/Liter	6.04 Lbs./Gallon																																									
<b>— Tint Bases:</b> N/A																																											
<b>— Special Colors:</b> N/A																																											
<b>Certification &amp; Qualifications:</b> The products supported by this data sheet contain a maximum of 750 grams per liter VOC /VOS (6.2 lbs/gal.) excluding water & exempt solvents. <table border="1" data-bbox="203 1207 540 1528"> <thead> <tr> <th>VOC REGION</th> <th>COMPLIANT</th> </tr> </thead> <tbody> <tr> <td>FEDERAL</td> <td>YES</td> </tr> <tr> <td>OTC</td> <td>NO</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>NO</td> </tr> <tr> <td>CARB07</td> <td>NO</td> </tr> <tr> <td>UTAH</td> <td>NO</td> </tr> <tr> <td>AZMC</td> <td>NO</td> </tr> <tr> <td>SCAQMD</td> <td>NO</td> </tr> </tbody> </table>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	NO	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	NO	SCAQMD	NO																									
VOC REGION	COMPLIANT																																										
FEDERAL	YES																																										
OTC	NO																																										
OTCII	NO																																										
CARB	NO																																										
CARB07	NO																																										
UTAH	NO																																										
AZMC	NO																																										
SCAQMD	NO																																										
<b>Technical Assistance:</b> Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit <a href="http://www.lenmar-coatings.com">www.lenmar-coatings.com</a>																																											

## Universal Flattening Paste 1B.500

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### Application

The following additions, given in ounce units, are provided as guidelines to help in achieving the gloss reductions indicated. It is recommended that you experiment with a small sample, before proceeding with the entire job, particularly if a desired specific gloss level is critical. **NOTE:** It is important to understand that the higher the solids of a product, the greater the amount of flattening paste that may be needed to obtain the desired sheen—the chart below is for a 25% solids system.

Gloss Reduction	Add 1B.500 Flattening Paste
Gloss to Dull	7 ounces per gallon
Gloss to Satin	3 ounces per gallon
Gloss to Semi-Gloss	1 ounces per gallon
Semi-Gloss to Dull	6 ounces per gallon
Semi-Gloss to Satin	2 ounces per gallon
Satin to Dull	4 ounces per gallon
Dull to Flat	8 ounces per gallon

**ADD WHILE STIRRING OR WHILE UNDER AGITATION!** After adding Lenmar® 1B.500 Flattening Paste, mix well, filter if necessary, then apply in accordance with the instructions found on the label and product data sheet for the specific lacquer product being used. Addition of flattening paste may affect mar resistance. Test for suitability before use. Maximum addition - 10 ounces per gallon.

### Recommendations

- 1) Shake/agitate flattening paste well before use.
- 2) Shake/stir/agitate product before addition of flattening paste.
- 3) Add flattening paste, shake again, and test sheen.
- 4) Filter if necessary
- 5) Additions above or below listed levels may be necessary.
- 6) Record specific addition if duplication will be required.

### Cleanup

Clean up with Lenmar® 1A.519 Lacquer Thinner.

## Environmental Health & Safety Information

### DANGER!

Causes skin irritation

May damage fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Highly flammable liquid and vapor

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep cool.

**Response:** IF exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage:** Store locked up. Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents /container to an approved waste disposal plant.



**WARNING** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

## KEEP OUT OF REACH OF CHILDREN

READ ALL DIRECTIONS BEFORE USE.  
UNDERSTAND **ALL** DANGERS WITH THIS  
PRODUCT PRIOR TO USE.

**Refer to Safety Data Sheet for  
additional health and safety information.**