



FLOW ADDITIVE

1B.210

Features

- Additive

General Description

Lenmar® 1B.210 Flow Additive is an additive designed to impact the surface tension of the coating and reduce the tendency for surface defects. An excellent additive to assist in the reduction of pinholing, cratering and orange-peeling, it should be added only in accordance with the directions stated. As with all additives, a small amount may be helpful, but that doesn't imply that "more is better". After the addition of any additive test the material on a sample piece to determine the effectiveness of the change. This product may be added to 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

- After the addition of any additive test the material on a sample piece to determine the effectiveness of the change.

Product Information

| Product Information | | | | | | | | | |
|---|--|----------------|----------|-------------------|------------------|---|--|-----------------|--|
| Colours — Standard: N/A | <table border="1"> <thead> <tr> <th>Technical Data</th> <th>Additive</th> </tr> </thead> <tbody> <tr> <td>Weight Per 3.79 L</td> <td>3.3 kg (7.2 lbs)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2" style="text-align: center;">852 Grams/Litre</td> </tr> </tbody> </table> | Technical Data | Additive | Weight Per 3.79 L | 3.3 kg (7.2 lbs) | Volatile Organic Compounds (VOC) | | 852 Grams/Litre | |
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| Weight Per 3.79 L | 3.3 kg (7.2 lbs) | | | | | | | | |
| Volatile Organic Compounds (VOC) | | | | | | | | | |
| 852 Grams/Litre | | | | | | | | | |
| — Tint Bases: N/A | | | | | | | | | |
| — Special Colours: N/A | | | | | | | | | |
| Certification: The products supported by this data sheet contain a maximum of 855 grams per litre VOC /VOS excluding water & exempt solvents. | | | | | | | | | |
| Technical Assistance: For Technical Assistance please contact your authorized Lenmar® Dealer/Distributor, your Lenmar® sales representative, Technical Service at 1-800-225-5554, or visit www.lenmar-coatings.ca | | | | | | | | | |

Flow Additive 1B.210

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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>.

Application

The following additions, given in ml, are provided as guidelines to help you in achieving the flow changes desired. It is recommended that you experiment with a small sample, before proceeding with the entire job. **NOTE:** It is important to understand that the higher the solids of a product, the greater the amount of Lenmar® Flow Additive 1B.210 will be required.

| Weight Solids, Clear Topcoat | Add 1B.210 Flow Additive |
|------------------------------|------------------------------------|
| 15-25% | 59 mL Per 3.79 Litre (Max 118 mL) |
| 25-35% | 89 mL Per 3.79 Litre (Max 177 mL) |
| 35+% | 118 mL Per 3.79 Litre (Max 237 mL) |

| Weight Solids, Pigmented Topcoat | Add 1B.210 Flow Additive |
|----------------------------------|-----------------------------------|
| 25-35% | 59 mL Per 3.79 Litre (Max 118 mL) |
| 35-45% | 59 mL Per 3.79 Litre (Max 118 mL) |
| 45+% | 59 mL Per 3.79 Litre (Max 118 mL) |

ADD WHILE STIRRING OR WHILE UNDER AGITATION! After adding 1B.210 Flow Additive, apply in accordance with the instructions found on the label and product data sheet for the specific lacquer product being used. Test effect on flow and levelling by spray out.

Recommendations

- 1) Shake/stir/agitate product before addition of Flow Additive.
- 2) Add Flow Additive under agitation, shake again, and test flow of product.
- 3) Add in 30 ml increments. Test flow and levelling. Do not use more than 237 ml per 3.79 L.
- 4) Record specific addition if duplication will be required.

Environmental Health & Safety Information

Danger

Harmful in contact with skin

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

May cause respiratory irritation. May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapour

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. 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 CO₂, 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.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

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.