



AMERCOAT 861

MAY 2001

Accelerator for Amerlock 2

Product Data

Amercoat 861 is used with mixed units of Amerlock 2 epoxy to accelerate hardening at low temperatures.

Instructions for Use

1. Mix thoroughly the resin and cure components for a unit of coating. Refer to Amerlock 2 application instructions.
2. Add one container of Amercoat 861 and mix thoroughly. Add only the volume of Amercoat 861 recommended for the unit size of Amerlock 2 being used. Add Amercoat 861 only to mixed resin and cure.
3. Apply Amerlock 2 according to the product application instructions of the specific product.

Limitations in Use

1. Do not use Amercoat 861 with white or light colours of Amerlock 400C if used as a topcoat as colour variation may result.
2. The addition of Amercoat 861 shortens pot life, reduces viscosity and can reduce topcoat intervals.
3. Do not use more than 2.5% Amercoat 861 with Amerlock 2.
4. The applied coating must be thoroughly **dry** before it is placed in service.

Environmental Conditions

(During application and drying)

Amerlock 2 with Amercoat 861

Air temperature: 0 – 15°C

Surface temperature: 0 – 15°C

Material temperature for cold weather application: 10°C min

Physical Data

Colour	Clear Amber
Used with	Amerlock 2
Components	1
Volume solids	100%
VOC	0
Recommended addition	0.5L per 20L Amerlock 2 (mixed) 0.1L per 4L Amerlock 2

Potlife (in hours)	20°C	10°C	0°C
Amerlock 2 (no accelerator)	1.5	2.5	4
Amerlock 2 (with Amercoat 861)	¾	1	2

Dry Through (in hours)			
Amerlock 2 (no accelerator)	6	19	60
Amerlock 2 (with 2.5% Amercoat 861)	4	13	40

Induction time (at 20oC)	Not applicable
Mixing ratio	Max 2.5% addition by volume to Amerlock 2
Specific gravity	0.97 kg/L
Flash point (closed cup)	149°C
Packaging	0.5L in a 0.5L can

Shipping weight	
0.5L	Approx 600 grams
Shelf life	1 year from shipment date when stored indoors in unopened, original containers at 5 to 40°C.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

CAUTION:

Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

This product is for professional use only. Not for residential use.

Before using the product, read the label on the can and consult the Material Safety Data Sheet.

Health and Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses / goggles, a half face respirator with organic vapour cartridge, and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store / dispose of residues in accordance with local body regulations.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON, 0800 764 766 (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently.

If affected by vapour, get into fresh air immediately.

If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

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