



Technical Data Sheet

Cinergi™ 1407 A Water-Resistant Gloss Offset Varnish

IMPORTANT CHARACTERISTICS:

Cinergi™ 1407 A is a **Lawter™** specialty vehicle. **Cinergi 1407 A** is a 100% non-volatile combination of tung oil/linseed/phenolic varnish that provides extremely high water resistance and gloss. **Cinergi 1407 A** is used in the highest quality letterpress and offset inks to produce maximum finish and excellent rub-resistance. Because of its high viscosity and excellent holdout properties, inks containing **Cinergi 1407 A** can be appreciably reduced with low viscosity drying oils or aliphatic solvents to improve setting speed without loss of gloss.

The water resistance of **Cinergi 1407 A** improves the working properties of lithographic inks. **Cinergi 1407 A** can be added to offset inks at the press to correct scumming or tinting problems. **Cinergi 1407 A** should be used in folding carton inks where the highest quality, toughest ink films are an absolute necessity. The excellent soap and alkali resistance of **Cinergi 1407 A** ink films have made it a valuable tool for use in soap and detergent carton inks.

APPLICATIONS:

- Sheetfed
- Letterpress
- Carton and packaging
- Plastic stock
- Flat sheet metal decorating

BENEFITS:

- Excellent hard film forming
- Enhances gloss
- Increases water resistance
- Enhances rub resistance
- Excellent soap and alkali resistance

Typical Properties

Properties	Value	Test Method / Standard
Viscosity:	240"	GH Bubble Tube @ 131F, E-E Method PP-QC-141
Inkometer Tack:	35	@ 400 rpm, 30", 90F Method PP-QC-101
% Non-Volatile:	100	Method PP-QC-105
Color:	15	Method PP-QC-181
Weight/Gallon:	8.1 lbs	BAX-QC-130

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For more information, please contact your sales or technical representative.

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