



UVX ACCELERATOR

SERIES 44-712

PRODUCT PROFILE

GENERIC DESCRIPTION	Catalyst
COMMON USAGE	Special additive for Series 740/750 UVX affording low temperature application and faster moisture resistance.
COLOR	Clear

TECHNICAL DATA

VOLUME SOLIDS	61.0 ± 1.0%
RECOMMENDED AMOUNT	Two (2) fluid ounces per gallon.
CURING TIME & POT LIFE MODIFICATIONS	The following table provides data on the approximate curing and pot life times for Series 740 & 750 UVX, when Series 44-712 UVX Accelerator has been added. See Mixing section for amount of accelerator and special instructions for mixing. Caution: The use of Series 44-712 UVX Accelerator with Series 750 in low temperatures may increase the gloss level in cured film.

Approximate Hours Curing Time / Pot Life at 50% R.H.

Product Series Number	Dry-to-Touch						Dry-to-Recoat						Pot Life					
	40°F 4°C	50°F 10°C	60°F 16°C	70°F 21°C	80°F 27°C	90°F 32°C	40°F 4°C	50°F 10°C	60°F 16°C	70°F 21°C	80°F 27°C	90°F 32°C	40°F 4°C	50°F 10°C	60°F 16°C	70°F 21°C	80°F 27°C	90°F 32°C
740	2 ½	1 ¼	1	¾	½	½	36	21	15	10	8	6 ½	¾	¾	¾	¾	¾	½
750	2 ½	1 ½	1	½	½	½	36	20	13	8	6	5	¾	¾	¾	½	½	½

Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned plus 44-712 Thinned Maximum plus 44-712

740 & 750 No. 49 or 68 Thinner No. 42 Thinner	0.81 lbs/gallon (98 grams/litre)	- 0.81 lbs/gallon (98 grams/litre) 1.15 lbs/gallon (138 grams/litre)
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PACKAGING	Individual graduated plastic quarts (0.95 L). Also in multiple 4-quart convenience pack.
NET WEIGHT PER GALLON	9.0 ± 0.10 lbs (4.08 ± 0.04 kg)
STORAGE TEMPERATURE	Minimum 20°F (-7°C) Maximum 110°F (43°C)
SHELF LIFE	12 months at recommended storage temperature.
FLASH POINT - SETA	102°F (39°C)
HEALTH & SAFETY	Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product. Keep out of the reach of children.

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APPLICATION

MIXING

Note: Series 44-712 UVX Accelerator must be added under agitation to avoid lumping, gelling or unpredictable curing. The use of more than the recommended amount of Series 44-712 UVX Accelerator will adversely affect coating performance. Add thinner, if necessary, only after all other components are thoroughly mixed.

Stir thoroughly making sure no pigment remains on the bottom. While maintaining agitation, accurately add **two (2) fluid ounces of Series 44-712 UVX Accelerator per gallon yield.** Series 44-712 should be added to Part A before mixing with Part B. See product data sheet or label for additional mixing instructions.

SURFACE TEMPERATURE

Minimum 40°F (4°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point. Cure time necessary to resist direct contact with moisture at surface temperature:

Series 740	40°F (4°C): 14 hours	50°F (10°C): 10 hours	60°F (16°C): 8 hours
	70°F (21°C): 6 hours	80°F (27°C): 6 hours	90°F (32°C): 5 hours
Series 750	40°F (4°C): 14 hours	50°F (10°C): 10½ hours	60°F (16°C): 9 hours
	70°F (21°C): 6½ hours	80°F (27°C): 4½ hours	90°F (32°C): 4 hours

If the coating is exposed to moisture before the preceding cure parameters are met, dull, flat or spotty-appearing areas may develop. Actual times will vary with air movement, film thickness and humidity.

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