

Chemglaze A170 flattening concentrate is an additive used to adjust the gloss of Chemglaze A-line coatings to semigloss or lusterless. Chemglaze A074, A080, and A246 coatings will dry to a high gloss finish without the use of Chemglaze A170 flattening concentrate.

DIRECTIONS FOR USE

Mixing

Refer to the appropriate technical data sheet for directions on mixing the specific coating prior to the addition of Chemglaze A170. Thoroughly stir Chemglaze A170 prior to adding to the respective coating.

To adjust the gloss of a Chemglaze A-line coating to semigloss, add 30-50% Chemglaze A170 concentrate by volume of coating (not including catalyst or thinner volume). To adjust the gloss to lusterless, add equal parts by volume of Chemglaze A170 concentrate to the Chemglaze A-line coating.

The resulting gloss appearance is affected by application method, drying conditions, and the amount of Chemglaze A170 concentrate used. Do not exceed 100 parts Chemglaze A170 concentrate to 100 parts Chemglaze A-line coating, as coating performance will be impaired.

When Chemglaze A170 concentrate is added to the high gloss coating, the flattening concentrate must be catalyzed for proper cure. Select the Chemglaze catalyst which will best match the curing conditions.

Once Chemglaze A170 is added to the Chemglaze A-line coating, mechanically mix the material again. Failure to thoroughly mix will result in non-uniform gloss or film whitening.

TECHNICAL CHARACTERISTICS

Typical Properties*

Property	Value
Appearance	Clear Liquid
Viscosity, cps ASTM D 2196, Brookfield LVT Spindle 2, 30 rpm	40-800
Density, ASTM D 1475 kg/L (lb/gal)	0.95-0.99 (7.93-8.33)
Solids Content by Weight, % ASTM D 2369 modified	24.6-28.6
Flash Point (Seta), °C (°F) ASTM D 3278, Closed Cup	31 (88)
Volatile Organic Content (VOC), g/L (lb/gal) ASTM D 3960	709 (5.92)

**Data is typical and not to be used for specification purposes.*

PRECAUTIONS FOR USE AND STORAGE

The shelf life is one year from date of shipment when stored at 10-32°C (50-90°F) in the original, unopened container. Store indoors away from heat, sparks, and open flames.

Before using this or any SOCOMORE product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use. Not for immersion service. Do not apply to wet or damp substrates.

Manufactured for SOCOMORE by: LORD Corporation, Saegertown, PA

This technical data sheet replaces and cancels the previous one.

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