

General Information

All of the listed reducers for AWLGRIP® and AWLCRAFT® 2000 Topcoats can be blended with each other in any ratio to fine tune flow and evaporation rates. Most AWLGRIP® and AWLCRAFT® 2000 Topcoats recommend 25% reduction. The reduction percentage is calculated from the combined total of the base component and converter component. Mixing a quart of base and a quart of converter yields 2 quarts of mixed base and converter: 25% would be 1/2 quart of reducer.

Examples of total mix quantities for 1:1 and 2:1 base to converter ratios are as follows:

1:1 mix materials AWLGRIP® Topcoat Spray, 545 Primer, etc.

Reduction:	25%	30%	40%	50%
Color Base	12 oz.	12 oz.	12 oz.	12 oz.
Converter	12 oz.	12 oz.	12 oz.	12 oz.
Reducer	6 oz.	7 oz.	10 oz.	12 oz.
Total Mix	30 oz.	31 oz.	34 oz.	36 oz.

2:1 mix materials: AWLGRIP® Topcoat Brush, AWLCRAFT® 2000 Topcoat Spray

Reduction:	25%	30%	33%	40%
Color Base	12 oz.	12 oz.	12 oz.	12 oz.
Converter	6 oz.	6 oz.	6 oz.	6 oz.
Reducer	4.5 oz.	5.5 oz.	6 oz.	7 oz.
Total Mix	22.5 oz.	23.5 oz.	24 oz.	25 oz.

At higher temperatures, reducers evaporate faster. When painting in hot conditions increasing the amount of reducer in the mix by 5-10% will help compensate for this factor.

Topcoat Reducers**T0001****Fast Evaporating Reducer for Spray Applied Urethane Topcoats**

Use T0001 in AWLGRIP®/AWLCRAFT® 2000 Topcoats when application and cure temperatures are between **60°F to 70°F (16°C to 21°C)** and **80°F to 90°F (27°C to 32°C)**. At 60°F to 70°F (16°C to 21°C), T0001 will keep the paint film open for good flow but evaporate fast enough to provide adequate dry and dust-free times. At higher temperatures, the solvency of T0001 helps maximize atomization. Its fast evaporation rate allows the solvent to exit the film before skinning occurs, avoiding solvent entrapment or solvent "pop".

VOC: 888 g/ltr or 7.4 lbs/gallon

T0002**Fast Evaporating Reducer and Equipment Cleaner**

Use T0002 in AWLGRIP®/AWLCRAFT® 2000 Topcoats when application and cure temperatures are between **55°F to 65°F (13°C to 18°C)** and at **temperatures above 85°F (29°C)**. At lower temperatures, 55°F to 65°F (13°C to 18°C), T0002 will keep the paint film open but evaporate fast enough to provide adequate dry and dust-free times. At higher temperatures, the solvency of T0002 helps maximize atomization. Its fast evaporation rate allows the solvent to exit the film before skinning occurs and avoids solvent entrapment or solvent "pop". T0002 is also an excellent gun and equipment.

VOC: 806 g/ltr or 6.7 lbs/gallon

T0003**Standard Reducer for Spray Applied Urethane Topcoats**

Use T0003 in AWLGRIP®/AWLCRAFT® 2000 Topcoats when application and cure temperatures are between **70°F to 85°F (21°C to 29°C)**. T0003 will keep the paint film open but evaporate fast enough to provide adequate dry and dust-free times.

VOC: 930 g/ltr or 7.8 lbs/gallon

T0005**Hot Weather Reducer for Urethane Topcoats**

Use T0005 in AWLGRIP®/AWLCRAFT® 2000 Topcoats when application and cure temperatures are above **85°F (29°C)**. T0005 is most often used as an additive, blended with other spray reducers to improve flow. T0005 is seldom the sole reducer. T0005 can be blended at any ratio with other U.S. Paint topcoat reducers to improve flow with those products or increase the evaporation rate of T0005.

T0005 has a very slow evaporation rate. Using T0005 at temperatures below 75°F (24°C) may result in very long dry and tape times.

VOC: 975 g/ltr or 8.1 lbs/gallon

Warning: Large amounts of T0005 in flat or semi-gloss products may result in higher gloss levels. Use care when adding T0005 to these products.

T0031**Brushing Reducer for Epoxy Primers and Urethane Topcoats**

Use T0031 in AWLGRIP® Topcoats, 545 Primer, and AWL-QUIK Sanding Surfer in brush/roller applications. T0031 evaporates very slowly, keeping the paint film open, maximizing flow and leveling while minimizing brush marks and roller stipple. For AWLGRIP® Topcoats, add T0031 at 10 to 35% of the total volume of the mixed color base and converter. Application and cure temperatures between **60°F and 90°F (16°C and 32°C)** produce the best results, with **70°F to 85°F (21°C to 29°C)** being the optimum. T0031 is not recommended for use in spray applications. If a “retarder” reducer is needed for spray application, T0005 should be used.

VOC: 940 g/ltr or 7.8 lbs/gallon

Special Purpose Reducers**A0031****Activator/Reducer for AWL-BRITE PLUS J3005/J3006/A0031**

A0031 is a special blend of solvents and additives which is a required part of the AWL-BRITE PLUS mix. A0031 contains additives which stabilize the pot life of the mixture and initiate cure of the product.

VOC: 863 g/ltr or 7.2 lbs/gallon

T0016**Reducer for AWLSPAR Varnish**

T0016 is specially formulated for use in AWLSPAR Varnish M3131. It should not be used in any urethane or epoxy coating.

VOC: 782 g/ltr or 6.5 lbs/gallon

T0101**AWLSTAR GOLD LABEL Anti-Fouling**

T0101 is specially formulated for spray and brush/roll applications of AWLSTAR GOLD LABEL Anti-Fouling. It should not be used in urethane or epoxy coatings.

VOC: 867 g/ltr or 7.2 lbs/gallon

Primer Reducers**T0001**

Usually used in AWLGRIP and AWLCRAFT 2000 Topcoats. T0001 is also recommended for use in QUIK-GRIP Primer.

VOC: 888 g/ltr or 7.4 lbs/gallon

T0003

Usually used in spray applications of AWLGRIP® and AWLCRAFT® 2000 Topcoats. T0003 is also recommended for use in QUIK-GRIP Primer.

VOC: 930 g/ltr or 7.8 lbs/gallon

T0006

Standard epoxy reducer for spray application of 545 Primer, AWL-QUIK, Sprayable Fairing Compound, 30-Y-94, and High Build Epoxy Primer. Also recommended for Hullgard Epoxy Primer.

VOC: 850 g/ltr or 7.1 lbs/gallon

T0031

Brushing reducer to be used when brushing or rolling 545 Primer or AWL-QUIK Primer.

VOC: 940 g/ltr or 7.8 lbs/gallon

T0073

Special reducer for ULTRA-BUILD Primer (D8008-D3018).

VOC: 836 g/ltr or 7.0 lbs/gallon

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Awlgrip® and all products mentioned in this Product Data Sheet are trademarks of, or licensed to, Akzo Nobel.

© Akzo Nobel, 2005