

**Matting Agent
A-380**

Technical Support: 1.800.526.6704

Product Description A-380™ Matting Agent is used to reduce the gloss level of Prospray Single Stage and Clearcoats to match OE lower gloss finishes. Typical uses are for bumpers, trims, and interior parts. A-380 Matting Agent is already in many formulas, but lowering the gloss of any Prospray topcoat is easily achieved by using the following information.

Reduction of Gloss Levels by Weight

Mixing Ratio (% by weight)		Gloss Level (GE) according to DIN 67530	
MS System	A380	20 degree angle	60 degree angle
90	10	65-80 GE*	Approx. 90 GE*
80	20	40-65 GE*	80-85 GE*
Semi-Gloss 70	30	25-45 GE*	70-80 GE*
Eggshell 60	40	10-35 GE*	50-75 GE*
Matte 50	50	5-15 GE*	30-50 GE*
40	60	2-15 GE*	15-55 GE*
30	70	1.5-5 GE*	8-32 GE*
20	80	Ca. 1 GE*	4-10 GE*

Reduction of Gloss Levels by Volume

The gloss level of solid colors may be reduced by addition of A-380 two-pack matting agent according to the color formulation provided in the Prospray computer. Alternatively, use the following guidelines:

<u>Gloss Level</u>	<u>2K Clearcoats/Single Stage</u>	<u>A-380</u>
Semi-Gloss	2 Parts (67%)	1 Part (33%)
Eggshell	3 Parts (60%)	2 Parts (40%)
Matte	1 Part (50%)	1 Part (50%)

NOTE: This mix should then be activated and thinned as standard.

Factors Influencing Gloss Levels
Higher Gloss Level

Hardener with higher solid content
 Slower hardener
 Slower thinner
 Higher viscosity
 Higher dry film thickness
 Shorter flash off times
 Forced drying

Lower Gloss Level

Hardener with lower solid content
 Faster hardener
 Faster thinner
 Lower viscosity
 Lower dry film thickness
 Longer flash off times
 Air drying

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Special Notes / Clean Up



Clean Up Clean equipment after use with a cleaning solvent. Dispose of solvent according to state, local and federal regulations.

Health and Safety



For professional use only. KEEP OUT OF REACH OF CHILDREN. WARNING! CONTENTS ARE FLAMMABLE. VAPOR AND SPRAY MIST IS HARMFUL. SKIN AND EYE IRRITANT.

Do not handle the Prospray products until the Material Safety Data Sheets have been read and understood in their entirety. Ensure that all employees are trained on Material Safety Data Sheets and all chemicals with which they come into contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist. Wear protective clothing, gloves and eye safety with a side shield.

This data sheet information is given in good faith but without warranty. The information contained herein represents the current state of our knowledge and is intended as a guide to our products and their uses; it is not intended for insurance of certain product properties or of their specific applications.

Follow all warnings on product labels.