

**STEEL PLUS CE SERIES  
WHITE GLOSS EPOXY**

**20-809A WHITE**

<b>DESCRIPTION</b>	2 to 1 mix Novolac Water Base Epoxy (see page 3 for available sizes)
<b>USES</b>	A tough, heavy duty, extremely chemical resistant epoxy designed for Maximum performance in severe environments.
<b>APPEARANCE</b>	White Gloss
<b>RECOMMENDED PRIMERS</b>	Usually used Steel Plus Epoxy Primer 30-0850 gray, Prime Solution 5250 Red / 5253 Gray

**PHYSICAL PROPERTIES**

WEIGHT PER GALLON	10.6 lbs.
SOLIDS BY WEIGHT	53.7%
SOLIDS BY VOLUME	40.2%
RECOMMENDED DFT	2.5 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT 6 mils	
THEORETICAL COVERAGE	
@ 1 Mil DFT	640 sq. ft./gallon
PRACTICAL COVERAGE	220 sq. ft./gallon
@ RECOMMENDED DFT	
(Assumes 15% material loss)	
DRY TIMES @ 70°F - 80°F	Tack Free 1 hour
(21° - 27°C) AND 50% RH	Handle 2-4 hours
	Recoat 2 hours
	Fully Cured 7 days (rate can be accelerated)
	Heat cure @ 175°F for 30 minutes
POT LIFE	4 hours with no reduction of gloss
DRY HEAT RESISTANCE	300° F
SHELF LIFE	2 years
PACKAGING	1 gallon kit, 5 gallon kit

**SURFACE PREPARATION**

All Surfaces: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with BC-4000 cleaner or other suitable cleaner. Thoroughly cured old coatings or new smooth metal may require scuff sanding for maximum adhesion.

Severe exposures:	Abrasive blast to SSPC-SP-10 near white blast before priming
Moderate exposures:	Abrasive blast to SSPC-SP-6 commercial blast before priming

<b>APPLICATION</b>	Apply only when air and surface temperatures are between 50°F and 100°F and surface temperature is at least 5°F above the dew point.
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## THINNING

ROLLER/BRUSH	Use as mixed. Thin with water as needed.
AIR-ATOMIZED SPRAY	Thin 10% with water if needed.
AIRLESS SPRAY	Normally not needed.
CLEANUP	Soap and water.

## EQUIPMENT RECOMMENDATIONS

BRUSH	Quality synthetic bristle brush
ROLLER	Use good quality roller cover.
AIR ATOMIZED SPRAY	Follow equipment manufacturers nozzle and needle selection recommendation for use with medium viscosity paints. Spray at 45-60 PSI.
AIRLESS SPRAY	1800 - 2400 psi with a .013 to .015 tip.
HOT SPRAY	120°F

## SAFETY INFORMATION

VOC	151g/l or 1.26 # per gallon
FLASH POINT	N/A

**WARNING** California Prop. 65 warning: Detectable amounts of chemicals known to the state of California to cause cancer, birth defects or other reproductive harm, may be found in this product or its vapors.

For specific information refer to the **Material Safety Data Sheet**.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

## PRODUCT ORDERING INFORMATION:

<u>Product Number</u>	<u>Size</u>	<u>Wt./Case</u>	<u>Case Quantity</u>
20-809A	Gallon	44	4
20-809A	5 Gallon	58	1

**BURKE INDUSTRIAL COATINGS**  
600 S. 74<sup>th</sup> Place, Suite 108, Ridgefield, WA 98642  
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Customer Service (800) 348-3245

# 20-809A Steel Plus CE Epoxy White with activator 16-Cure

Total Liquid Gallons	GALLONS (2 to 1 Mix)						
	Qty	20-809A		Qty	16-Cure	Qty	16-Cure
1 1/2	1	F1		2	F4		
3	2	F1		1	F1		
4 1/2	3	F1		1	F1	2	F4
6	4	F1		2	F1		
7 1/2	5	F1		2	F1	2	F4
9	6	F1		3	F1		
10 1/2	7	F1		3	F1	2	F4
12	8	F1		4	F1		
13 1/2	9	F1		4	F1	2	F4
15	10	F1		5	F1		

Total Liquid Quarts	QUARTS (2 to 1 Mix)						
	Qty	20-809A		Qty	16-Cure	Qty	16-Cure
	1						
3	2	F4		1	F4		
	3						
6	4	F4		2	F4		
	5						
9	6	F4		3	F4		

Total Liquid Gallons	5 GALLON PAILS (2 to 1 Mix)								
	Qty	20-809A		Qty	16-Cure	Qty	16-Cure	Qty	16-Cure
7 1/2	1	F5		2	F1	2	F4		
15	2	F5		1	F5				
22 1/2	3	F5		1	F5	2	F1	2	F4
30	4	F5		2	F5				
37 1/2	5	F5		2	F5	2	F4		
45	6	F5		3	F5				
52 1/2	7	F5		3	F5	2	F1	2	F4
60	8	F5		4	F5				
67 1/2	9	F5		4	F5	2	F4		
75	10	F5		5	F5				