

BURKE * INDUSTRIAL * COATINGS * PRODUCT * DATA * SHEET

**SILVER BULLET AM® CLEAR
ANTIMICROBIAL GLOSS EPOXY
20-451AM CLEAR**

WE DO NOT RECOMMEND THE USE OF SILVER BULLET AM® IN EXTERIOR APPLICATIONS

DESCRIPTION	2 to 1 mix Water Base Epoxy
USES	A tough, heavy duty, extremely chemical resistant epoxy designed for maximum performance in severe environments. It contains both a bactericide to protect against over 650 strains of bacteria and a fungicide to protect against mold, mildew and algae.
APPEARANCE	Clear Gloss
RECOMMENDED PRIMERS	Usually used over a stainless steel intermediate coat. Steel Plus Epoxy Primer 30-0850 gray, Prime Solution 5250 Red / 5253 Gray
PHYSICAL PROPERTIES	
WEIGHT PER GALLON	8.85 lbs.
SOLIDS BY WEIGHT	39%
SOLIDS BY VOLUME	34.5%
RECOMMENDED DFT	2.0 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT 6 mils	
THEORETICAL COVERAGE	
@ 1 Mil DFT	552 sq. ft./gallon
PRACTICAL COVERAGE	
@ RECOMMENDED DFT	235 sq. ft./gallon
(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

APPLICATION 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.

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 .013to .015 tip.
- HOT SPRAY** 120°F

SAFETY INFORMATION

- VOC 171g/l or 1.45 # 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.

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

For specific

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>
20-451AM	Gallon	37	4
20-451AM	5 Gallon	48	1

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20-451AM Silver Bullet AM® Epoxy with activator 16-Cure

Total Liquid Gallons	GALLONS (2 to 1 Mix)						
	Qty	20-451AM		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	20-451AM		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	20-451AM		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	F1	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	F1	2	F4
75	10	F5		5	F5				