

BORCHI[®] A-111

CODE: 125664

GENERAL APPLICATION

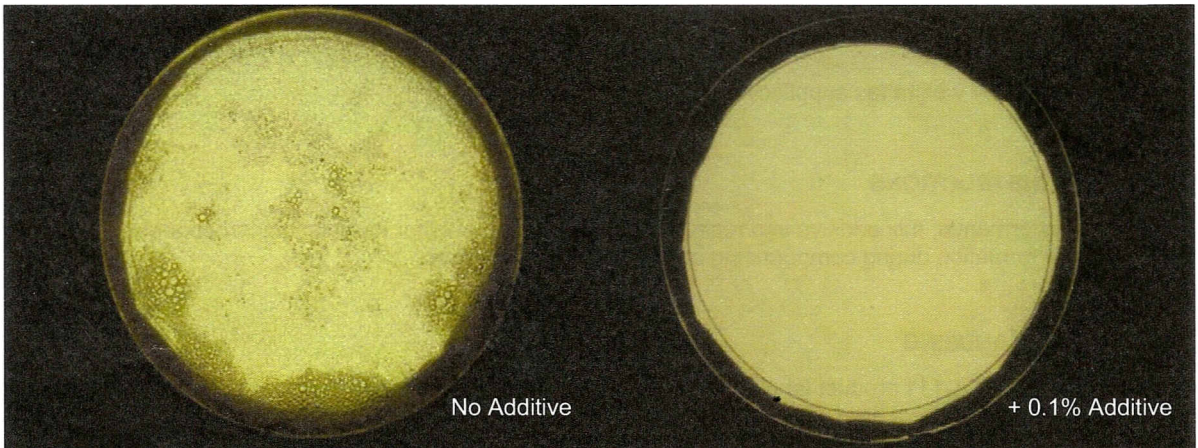
Silicone free, rapid air release agent for use with wide variety of unsaturated polyester and vinyl ester resins.

COMPOSITION

Solution of defoaming polymers, silicone free.

PERFORMANCE

Comparison below shows castings prepared from promoted unsaturated polyester resin. Left casting was made with no air release additive. Right casting was made with 0.1 % (by weight) Borchi[®] A-111 air release additive.



Resin agitated at high shear for 60 seconds to air saturate sample

APPLICATION-BASED COMPARISON

EQUIVALENT RESULTS IN VARIETY OF RESINS

RESIN TYPE	APPLICATION
DCPD	Cast Polymer, Filled Tub & Shower
Ortho	Cast Polymer
Iso/NPG	Gel Coat
Vinyl Ester	Marine
Iso/DCPD	Marine Laminate
Iso/DCPD/Thix*	Marine Laminate

*Resin thixotroped with 1% CAB-O-SIL fumed silica

TYPICAL PROPERTIES

Clear colorless liquid with a flash point of 43 °C (110 °F)

CHARACTERISTICS	METHODS	RANGE	TYPICALS
Specific Gravity (25°C)	ASTM D1963	0.86 – 0.90	0.88
%NVM	ASTM D1644	35 -39	37
Color, A.P.H.A.	ASTM D 1544	< 250	35
Turbidity (NTU)	OMG Internal	0 -10	2
Refractive Index (25 °C)	OMG Internal	1.500 – 1.514	1.507
Weight per Gallon	ASTM D 19636	7.2 – 7.5	7.4

RECOMMENDED LEVELS

0.1 – 0.5 % additive by weight (as supplied) based on total formulation

PROCESSING INSTRUCTIONS

For optimum performance, mix additive into resin before the addition of other formulation components. This process prevents bubble formation during compounding and application processes.

STORAGE AND HANDLING

Please consult Borchi® A-111 product label for storage and handling instructions. Store and use material in cool, dry, well ventilated area away from heat, direct sunlight, hot metal surfaces and all sources of ignition. Container must be kept tightly closed immediately after use. Detailed information is provided in the Material Safety Data Sheet (MSDS).

AVAILABLE PACKAGING

Drums and Pails

OMG SPECIALIZES IN DEVELOPING SOLUTIONS FOR OPTIMUM PERFORMANCE

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