



TEXICRYL[®] AD8091

Styrene acrylic copolymer

INTRODUCTION

TEXICRYL[®] AD8091 is a styrene acrylic copolymer emulsion designed for use in high performance adhesives, inks, and coatings where flexibility and/or cold temperature flexibility are desired. Silane structures on the polymer backbone provide excellent water resistance and adhesive strength to difficult substrates.

Various start point formulations available.

CHARACTERISTICS

(Not to be taken as a specification)

Solids content	%	55 ± 1
Viscosity at 25°C (Brookfield RVT, Spindle 3, 20 rpm)	cps	400 - 1750
pH		8.8 – 9.5
Emulsifying system		Anionic
Relative Density at 25°C		1.02
Particle Size	nm	100 - 200
Tg	°C / °F	-15 / 5
MFFT	°C / °F	<2 / <36

APPLICATIONS

TEXICRYL[®] AD8091 can be utilized in a range of water based adhesives and emulsion paint formulations. It can easily be formulated into coatings varying in properties from semi-gloss finish to high pigment volume concentration low-cost paints. It is particularly suitable as a binder for waterborne adhesives requiring high flexibility and adhesion. This polymer can be blended with harder polymers to yield improvements in flexibility and adhesion.

PACKAGING

TEXICRYL® AD8091 is supplied in a 460 lb. net weight plastic drum. Bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL® AD8091 can be stored in the containers in which it is supplied.

Protect from temperatures below 40° F.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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NOTICE

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