

# Acronal<sup>®</sup> 4510

**Chemical Nature**                      **Aqueous acrylate-acrylonitrile copolymer dispersion for the manufacture of adhesives and elastomeric coatings.**

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## Properties

<b>Typical properties</b>	Solids content, weight	%	~ 60.0
	pH		~ 7.5
	Viscosity at 73 °F (Brookfield RV, Spindle #3, at 50 rpm)	cps	< 1000
<b>Other properties of the dispersion</b>	Density	lbs/gal g/cm <sup>3</sup>	8.68 1.04
	Dispersion type		Anionic
	Plasticizer content		Free from plasticizer
	Sensitivity to freezing	°C	Below 0
<b>Properties of the film</b>	Appearance		Clear, transparent
	Glass transition temperature T <sub>g</sub> (DSC)	°C	ca. -29

\* These typical values should not be interpreted as specifications.

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## Applications

**Fields of application**                      Acronal 4510 is intended for use in adhesives and elastomeric wall coatings. This self-crosslinking polymer demonstrates good low temperature flexibility and low surface tack.

For flexible roof coatings or applications requiring adhesion to urethane foams, Acronal NX 3250 should be used.

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## Safety

**General**                                      The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

**Safety Data Sheet**                      All safety information is provided in the Safety Data Sheet for Acronal 4510.

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## Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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