

PLEXTOL A 4427m is an aqueous emulsion of an acrylic-copolymer.

For further information regarding this product please refer to:

Adhesive Polymers (Asia)

eMail: [Adhesive-polymers-ASIA@synthomer.com](mailto:Adhesive-polymers-ASIA@synthomer.com)

Property	Typical Value	Unit	Method <sup>1</sup>
Solids Content	56.0	%	DIN EN ISO 3251
pH Value	6.5		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	550	mPas	DIN ISO 1652
Glass Transition Temperature	-49	°C	DIN EN ISO 16805

<sup>1</sup> internal method based upon the specified norm

## Application Advice

PLEXTOL A 4427m can be used as the pressure sensitive adhesive component of protective films.

Evaporation of the water above the minimum film-forming temperature provides a clear-transparent film which is very soft and tacky at room temperature and adheres well to many kinds of material. By addition of external crosslinkers a stable adhesion over time combined with a very high level of cohesion can be achieved, which enables good removability.

PLEXTOL A 4427m is preserved against bacterial and fungal attack. In the manufacture of finished products, the material has to be retreated, as usual, with suitable biocides to give enhanced preservation.

## Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 12 months from the date of delivery.

## Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.