

## ACTIVE PLAY AS H 8005

<b>CHEMICAL NAME</b>	Prepolymer based on diphenylmethane diisocyanate (MDI).
<b>TECHNICAL REQUIREMENTS</b>	NCO content, % (m/m).....9.0 – 11.0 (PN-EN ISO 1242:2013-06) Density at 25°C, g/ml.....1.09 – 1.11 (PN-EN ISO 3675:2004) Dynamic viscosity at 25°C, mPa·s .....1500 – 3750 (ASTM D4878-15, met.A) Appearance/ colour at 25°C.....clear/milky liquid, from colorless to yellow

**APPLICATION** ACTIVE PLAY AS H 8005 is one component polyurethane adhesive contains no organic solvents and have very good stiffness of the joint.

ACTIVE PLAY AS H 8005 is used for the manufacture of molded elements on cold and hot from granulated rubber SBR or EPDM. Before using the granulate rubber should it wet the prepolymer, and then placed in a mold, to in time pressure of the presses the curing reaction under the influence of heat and humidity. Properties of the molded element for example plates depends on the size of the rubber granules, the composition and quantity of one component polyurethane adhesive and in the case of the molding process also on degree of compression during curing.

ACTIVE PLAY AS H 8005 is used as a binder for the production of safety surfaces, such as tiles for playgrounds, fitness room, gym and similar products made of SBR and EPDM rubber granules.