

# Technical Data



**TRU-MOTION™ H3592H  
PRE-CATALYZED MDI BINDER  
For Base Mat Installation**

TRU-MOTION™ H3592H is single component polyurethane adhesive. It is formulated using polyphenyl polymethylene polyisocyanate (MDI) exclusively. This eliminates the toxicity problems usually associated with toluene Diisocyanate (TDI) adhesives. TRU-MOTION™ H3592H contains no solvents. It is typically used combined with rubber buffings to construct resilient bas mats for playground surfaces.

**PHYSICAL PROPERTIES:**

Density	8.9 lb./gal
Viscosity @ 78°F 20 rpm, cps	3260 cps
%NCO	4.15%
Tensile, psi	1711 psi
Elongation, %	458%
Die C Tear, pli	186 pli

**PROCESSING DATA:**

Under normal conditions of installation Tru-Motion™ H3592H provides excellent working life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion™ H3592H is designed to cure by reaction with atmospheric moisture. Cure rate is accelerated by high humidity and temperatures and retarded by low humidity and low temperatures.

Consult your Accella representative for specific installation guidelines.

**CAUTION:**

TRU-MOTION™ H3592H contains a polymeric isocyanate. Protect opened containers from moisture. Consult the SDS for proper handling precautions.



[www.accellapolyurethane.com](http://www.accellapolyurethane.com)  
2500 Adie Road, Maryland Heights, MO 63043  
Phone: (314) 872-8700 | Fax: (314) 872-8750