

Technical Data



Tru-Motion™ H3020 TDI Free MDI Track Binder

Tru-Motion™ H3020 is a 100% solids, TDI free, moisture cure polyurethane binder for use in the construction of bonded rubber granule running tracks and similar athletic surfaces. Tru-Motion™ H3020 is TDI free, eliminating the regulatory and construction site safety hazards associated with the use of TDI containing systems. It is designed to have handling characteristics, physical properties, and cure profile similar to that of conventional TDI containing products.

PHYSICAL CHARACTERISTICS:

Appearance:	Water clear viscous fluid
Density:	8.8-9.2 lbs./Gal.
Viscosity:	2,200-2,500 cps
% Free NCO:	9.5-10.5 %
% Solids by Wt.:	>99%

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D 412):	4,300+/-400 psi
Elongation (ASTM D 412):	465 +/-40 %
Die C Tear (ASTM D 624):	260+/-26 pli

PROCESSING:

Tru-Motion™ H3020 MDI track binder is designed for application using conventional track installation equipment. Tru-Motion™ H3020 MDI track binder cures by reaction with atmospheric moisture. Cure rate is accelerated by high humidity and temperatures and retarded by low humidity and low temperature. Under extreme conditions of low humidity and temperature water misting or catalyst addition may be required. Consult us for specific recommendations.

SAFETY AND HANDLING:

Consult SDS before handling and observe all recommended safety, handling, and disposal recommendations.

PACKAGING AND STORAGE:

Tru-Motion™ H3020 is available in 5 gallon pails, 55 gallon drums and 250 gallon IBCs. Avoid prolonged storage at temperatures over 90 ° F. or below 50 ° F. Protect from moisture. Under conditions of proper storage, storage life of factory sealed containers is 12 months.



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