

Technical Data



Tru-Motion™ H3374 TDI/MDI Slow Speed Track Binder

Tru-Motion™ H3374 is a 100% solids, TDI/MDI combination, moisture cure polyurethane binder for use in the construction of bonded rubber granule running tracks and similar athletic surfaces. It is our slowest curing track binder for use in conditions of high temperature and high humidity. Tru-Motion™ H3374 is carefully controlled for TDI content during manufacturing to minimize regulatory and construction site safety hazards associated with the use of TDI containing systems. It is designed to have optimized handling characteristics for track installation combined with high physical properties.

PHYSICAL CHARACTERISTICS:

Appearance:	Water clear viscous fluid
Density:	8.8-9.0 lbs./Gal.
Viscosity:	1,700-3,000 cps
% Free NCO:	6.50-7.00 %
% Solids by Wt.:	>99%

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D 412):	2740+/-350 psi
Elongation (ASTM D 412):	700 +/-50 %
Die C Tear (ASTM D 624):	278+/-30 pli

PROCESSING:

Tru-Motion™ H3374 TDI/MDI track binder is designed for application using conventional track installation equipment. Tru-Motion™ H3374 TDI/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.

THIS PRODUCT CONTAINS TDI AND IS FOR INDUSTRIAL OR COMMERCIAL USE ONLY. NOT FOR USE BY CONSUMERS OR SALE OR RESALE TO CONSUMERS

PACKAGING AND STORAGE:

Tru-Motion™ H3374 is available in 5 gallon pails, 55 gallon drums and 250 gallon IBCs. Protect from moisture. Avoid prolonged storage at temperatures over 90 ° F. or below 50 ° F. Under conditions of proper storage, storage life of factory sealed containers is 12 months.



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