

Technical Data



Tru-Motion™ H3601 Aliphatic Moisture Cure Binder Faster Curing

Tru-Motion™ H3601 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the construction of bonded rubber granule type running tracks, athletic, and safety surfaces. Tru-Motion™ H3601 exhibits fast reactivity and cure rates compared to those of conventional aliphatic binder products making it ideal for repairs and reconsolidation of existing urethane bonded EPDM granule surfaces.

Tru-Motion™ H3601 exhibits excellent color fastness and exterior durability allowing use of light color EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders.

Tru-Motion™ H3601 is a primary skin irritant and can cause sensitization dermatitis. Avoid skin contact and wear proper protective equipment at all times when handling Tru-Motion™ H3601. Consult SDS before use and observe all recommended safety and handling practices.

TYPICAL PHYSICAL CHARACTERISTICS:

Appearance:	Water clear viscous fluid
Density:	8.69 lbs./Gal.
Viscosity:	3680 cps
% Free NCO:	7.78 %

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D 412):	1837 psi
Elongation (ASTM D 412):	175 %
Die C Tear (ASTM D 624):	334 pli



www.accellapolyurethane.com
2500 Adie Road, Maryland Heights, MO 63043
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PROCESSING:

Under normal conditions of installation, Tru-Motion™ H3601 binder for granular rubber athletic surface products provides excellent work life while achieving rapid cure during patching and reconsolidation processes.

Tru-Motion™ H3601 binder for granular rubber athletic surface products 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.

Under conditions of high temperature and low humidity, water misting of the applied surfaces immediately after installation will prevent the Tru-Motion™ H3601 from draining off the granular rubber components.

Tru-Motion™ H3601 as supplied has a work life suitable for use patching and refinishing existing safety surfaces.

CAUTION: Any colored EPDM granule mixture used with Tru-Motion™ H3601 should be evaluated for color change and cure rate before installation. Surfaces to be recoated or reconsolidated should be test patched to evaluate cure and compatibility with the existing surface conditions.



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SAFETY AND HANDLING:

Wear proper protective equipment at all times.

Avoid contact with skin and eyes.

In the event of eye contact, flush eyes thoroughly with water and seek medical attention.

Consult SDS before handling and observe all recommended safety and handling practices.

Pressure can build up in new and previously opened containers, open all containers carefully.

Protect open containers from moisture.

Dispose of contaminated materials and empty containers in accordance with Federal, State, and Local regulations.

PACKAGING:

Tru-Motion™ H3601 is available in 55 gallon closed head drums with a net weight of 450 lbs. and 5 gallon pails with a net weight of 43 lbs. Returnable and one way 250 gallon mini bulk containers are available on a special order basis.

STORAGE:

Tru-Motion™ H3601 should be stored in cool, dry surroundings. Avoid prolonged storage at temperatures above 90°F or below 50°F. Under conditions of proper storage, storage life of the product in original, factory sealed containers is 12 months.



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