

THE PLAY SERIES

Technical Data



TRU-MOTION™ H3604

Chlorine Resistant Aliphatic Moisture Cure Binder

TRU-MOTION™ H3604 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the construction, refinish, and repair of bonded rubber granule surfaces. In addition to excellent color stability, it also exhibits resistance to common chemicals used to treat water and surfaces in swimming pool and water park installations.

TRU-MOTION™ H3604 exhibits rapid cure rate under a variety of climatic conditions to produce a durable surface that can be open to light traffic in minimum time, making it particularly useful for repair and maintenance of high use areas such as public parks, commercial areas, theme and water parks.

TRU-MOTION™ H3604 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™ H3604. Consult SDS before use and observe all recommended safety and handling practices.

TYPICAL PHYSICAL CHARACTERISTICS:

Appearance:	Viscous fluid
Color:	Clear
Density:	8.55 lbs./Gal.
Viscosity:	7000 cps
% Free NCO:	7.74 %

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D 412):	1430 psi
Elongation (ASTM D 412):	150 %
Die C Tear (ASTM D 624):	308 pli



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PROCESSING:

Under typical conditions of installation, TRU-MOTION™ H3604 binder for granular rubber surfaces provides a good balance of work life while achieving sufficient cure to provide for rapid use of new surfaces within normal construction cycles.

TRU-MOTION™ H3604 binder for granular rubber composite surfaces 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 low temperature and/or low humidity, water misting of the applied surfaces immediately after installation will prevent the TRU-MOTION™ H3604 from draining off the granular rubber components and improve cure rate.

CAUTION: Even though TRU-MOTION™ H3604 is a pure Aliphatic binder it should be evaluated before exterior use. Any colored EPDM or TPR granule mixture used with TRU-MOTION™ H3604 should be tested for cure and color change 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™ H3604 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™ H3604 should be stored in cool, dry, surroundings. Avoid prolonged storage at temperatures over 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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