

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. At all times when handling Tru-Motion H3604, avoid skin contact and wear proper protective equipment. Consult SDS before use and observe all recommended safety and handling practices.

TYPICAL PROPERTIES AND CHARACTERISTICS

H3604

PHYSICAL CHARACTERISTICS

Appearance	Viscous fluid
Color	Clear
Density	8.55 lbs./Gal.
Viscosity	7,000 cps
% Free NCO	7.74%

CURED FILMS PROPERTIES

Tensile Strength (ASTM D412)	1,430 psi
Elongation (ASTM D412)	150%
Die C Tear (ASTM D624)	308 pli

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 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.

SAFETY AND HANDLING:

- Consult SDS before handling and observe all recommended safety, handling and disposal recommendations.
- Tru-Motion H3604 is a primary skin irritant and can cause sensitization dermatitis. Avoid contact with skin and eyes. Wear proper protective equipment at all times when handling Tru-Motion H3604.
- In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- 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, the storage life of the product in original, factory sealed containers is 3-months.

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