



TRU-MOTION H3194

ALIPHATIC MOISTURE CURE BINDER

Tru-Motion H3194 is the slowest reacting aliphatic binder in the Tru-Motion aliphatic series. It is designed for installation at high temperature and high humidity.

Tru-Motion H3194 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in construction of bonded rubber granule type running tracks, athletic and safety surfaces. Tru-Motion H3194 exhibits reactivity and cure rates similar to those of MDI based binders resulting in installation and handling characteristics typical of these systems.

Tru-Motion H3194 exhibits excellent color fastness and exterior durability allowing the use of light-colored EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders. In addition, Tru-Motion H3194 exhibits improved resistance to deterioration by water and pool chemicals, making it the surfacing material of choice in areas subject to water and chemical immersion.

Tru-Motion H3194 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 H3194. Consult SDS before use and observe all recommended safety and handling practices.

TYPICAL PROPERTIES AND CHARACTERISTICS

H3194

PHYSICAL CHARACTERISTICS

Appearance	Water clear viscous fluid
Density (lbs./gal)	8.5-8.7
Viscosity	3,500-4,000 cps
% Free NCO	6.8-7.2%
% Solids by Wt.	>99%
Tensile Strength (ASTM D 412)	3,000+/-300 psi
Elongation (ASTM D 412)	500 +/-50%
Die C Tear (ASTM D 624)	260+/-26 pli
Split Tear	55+/-5 pli

PROCESSING:

Under normal conditions of installation, Tru-Motion H3194 binder for granular rubber athletic surface products provides excellent work life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion H3194 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 temperatures.

Under conditions of high temperature and low humidity, water misting of the applied surfaces immediately after installation will prevent the Tru-Motion H3194 from draining off the granular rubber components.

Tru-Motion H3194 as supplied has a work life suitable for use in safety surfaces under average conditions of temperature and humidity.

CAUTION: Any colored EPDM granule mixture used with Tru-Motion H3194 should be evaluated for color change and reactivity rate before installation. Bromine will discolor all installed PIP surfacing.

SAFETY AND HANDLING:

- Wear proper protective equipment at all times.
- Tru-Motion H3194 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 H3194.
- 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 procedures.
- 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 H3194 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 H3194 should be stored in cool, dry surroundings. Avoid prolonged storage temperatures over 90° F or below 50° F. Under conditions of proper storage, storage life of the product in original, factory sealed containers is 3 months.

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