



TRU-MOTION H3168

ALIPHATIC MOISTURE CURE BINDER

Tru-Motion H3168 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 H3168 exhibits reactivity and cure rates similar to those of MDI-based binders, resulting in installation and handling characteristics typical of these systems.

Tru-Motion H3168 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 H3168 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 H3168 is a primary skin irritant and can cause sensitization dermatitis. At all times when handling Tru-Motion H3168, avoid skin contact and wear proper protective equipment. Consult SDS before use and observe all recommended safety and handling practices.

PROCESSING

Under normal conditions of installation, Tru-Motion H3168 binder for granular rubber athletic surface products provides excellent work life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion H3168 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 H3168 from draining off the granular rubber components.

Tru-Motion H3168 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 H3168 should be evaluated for color change and reactivity rate before installation. Bromine will discolor all installed PIP surfacing.

TYPICAL PROPERTIES AND CHARACTERISTICS

Appearance	Water clear viscous fluid
Density	8.55-8.65 lbs./Gal.
Viscosity	3,000-5,000 cps
% Free NCO	6.0-7.2%
% Solids by Wt.	>99%

PHYSICAL PROPERTIES OF CURED FILMS

Tensile Strength (ASTM D412)	3,000+/-300 psi
Elongation (ASTM D412)	500+/-50%
Die C Tear (ASTM D624)	260+/-26 pli
Split Tear	55+/-5 pli

SAFETY AND HANDLING

- Consult SDS before handling and observe all recommended safety, handling and disposal recommendations.
- At all times, wear proper protective equipment when handling Tru-Motion H3168.
- Tru-Motion H3168 is a primary skin irritant and can cause sensitization dermatitis.
- Avoid contact with skin and eyes. In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- Open all containers carefully as pressure can build up in new and previously opened containers.
- Protect open containers from moisture.
- Dispose of contaminated materials and empty containers in accordance with Federal, State and Local regulations.

PACKAGING

Tru-Motion H3168 is available in 55-gallon closed head drums with a net weight of 450 lbs, 5-gallon pails with a net weight of 43 lbs and IBCs with a net weight of 2,200 lbs. Returnable and one-way 250-gallon mini-bulk containers are available on a special order basis.

STORAGE

Tru-Motion H3168 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 6-months.

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