

TRU-MOTION H3168 SS

ALIPHATIC MOISTURE CURE BINDER

Tru-Motion H3168 SS is a slow reacting aliphatic binder in the Tru-Motion aliphatic series. It is designed for installation at high temperature and high humidity.

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

TYPICAL PROPERTIES AND CHARACTERISTICS

H3168 SS

PHYSICAL CHARACTERISTICS

Appearance	Water clear viscous fluid
Density	8.5–8.7 lbs./gal.
Viscosity	3,500–4,000 cps
% Free NCO	6.8–7.2%
% Solids by Wt.	>99%

CURED PROPERTIES

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

PROCESSING:

Under normal conditions of installation, Tru-Motion H3168 SS 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 SS 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 H3168 SS from draining off the granular rubber components.

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

SAFETY AND HANDLING:

- Consult SDS before handling and observe all recommended safety, handling and disposal recommendations.
- Wear proper protective equipment at all times when handling Tru-Motion H3168 SS.
- Tru-Motion H3168 SS 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 SS 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 SS 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 12-months.