



## TRU-MOTION H3219 S

### ALIPHATIC MOISTURE CURE BINDER

Tru-Motion H3219 S is a slightly faster reacting version of Tru-Motion H3168 SS. It is designed for installation at moderate temperature and humidity.

Tru-Motion H3219 S 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 H3219 S exhibits reactivity and cure rates similar to those of MDI based binders resulting in installation and handling characteristics typical of these systems.

Tru-Motion H3219 S exhibits excellent color fastness and exterior durability allowing use of light-colored EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders. In addition, Tru-Motion H3219 S 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 H3219 S 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 H3219 S. Consult SDS before use and observe all recommended safety and handling practices.

#### TYPICAL PROPERTIES AND CHARACTERISTICS

H3219	
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%
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

#### PROCESSING

Under normal conditions of installation, Tru-Motion H3219 S binder for granular rubber athletic surface products provides excellent work life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion H3219 S 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 H3219 S from draining off the granular rubber components.

Tru-Motion H3219 S 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 H3219 S 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 and handling procedures.
- 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.
- 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 H3219 S 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 H3219 S 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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