

TRU-MOTION S9006/H3168 STRUCTURAL SPRAY COATING SYSTEM

Tru-Motion S9006/H3168 is a two-component, 100% solids, aliphatic UV resistant structural spray system for top coating running tracks, athletic, and safety surfaces. In order to simplify the inventory requirements of installers, Tru-Motion S9006 uses Tru-Motion H3168 moisture cure binder as the reactive isocyanate component of the coating system.

Tru-Motion S9006/H3168 is >99% solids and contains essentially no VOCs (volatile organic compounds). It has a flash point greater than 350° F and is not classified as a flammable material for purposes of transportation or storage.

Tru-Motion S9006/H3168 contains no mercury, lead or other heavy metals to complicate waste disposal problems.

Tru-Motion S9006/H3168 is TDI (Toulene Diisocyanate) free, eliminating the regulatory and construction site safety hazards associated with TDI based structural spray systems.

Tru-Motion S9006/H3168 incorporates the latest manufacturing and polymer technology to overcome the problems commonly associated with other currently available MDI (Diphenylmethane Diisocyanate) structural spray systems, such as:

- Short work life at elevated temperatures and humidity
- Cracking due to slow development of physical properties
- Rapid early discoloration when exposed to sunlight
- Poor cured film properties resulting in premature wear

TYPICAL PROPERTIES AND CHARACTERISTICS

S9006	
PHYSICAL CHARACTERISTICS	
Colors	Red, Green, Blue*, Black, Custom*
Density (depending on color)	10.0 – 11.6 lbs./gal.
Viscosity @78° F	600 – 1,200 cps
% Solids by Wt.	>99%
Flash Pt. TCC	>350° F
PHYSICAL PROPERTIES OF CURED FILMS	
Tensile Strength (ASTM D 412)	2,000+/- 200 psi
Elongation (ASTM D 412)	424+/-40%

* S9006-40 Blue, and similar pastel colors may show objectionable early yellowing and discoloration unless overcoated with a suitable color stable aliphatic topcoat. Please consult us for specifics depending on color.

PROCESSING:

Tru-Motion S9006/H3168 is best applied using specialized spray equipment developed for track installation. Other types of spray equipment used for stucco or insulation spraying may also be suitable. However, equipment manufacturers should be consulted for suitability and the equipment tested before installation is attempted. Consult SDS for safe handling.

Mix containers of Tru-Motion S9006 thoroughly before use, be sure to disperse any settling that might have occurred during storage.

PROCESSING DATA

Mix Ratio	(by weight)
Tru-Motion S9006 Base	12
Tru-Motion H3168 Binder	48
0.5 – 1.5 mm EPDM Granule	40

NOTE: Tru-Motion S9006/H3168 is supplied ready for application using most spray equipment. However, some equipment or applications may require viscosity reduction of the final mixture. Suitable thinners such as XYLENE or Aromatic 100 may be used to adjust application viscosity in the field and for cleaning of equipment.

Charge components into mixing tank of spray unit or other mechanical mixer. Mix thoroughly for 5 minutes until EPDM particles are thoroughly coated.

Apply to surface with suitable spray equipment in two uniform coats at a typical application rate of 1.60 lb/yd² (0.87 kg/m²) per coat to achieve a final coating weight of 3.20 lb/yd² (1.73 kg/m²).

Allow 12 – 24 hours cure time (depending on humidity and temperatures) before applying lines of markings. Use only approved urethane line and marking paints.

SAFETY AND HANDLING:

- Consult SDS before handling and observe all recommended safety and handling practices.
- Wear proper protective equipment at all times.
- In the event of skin contact, wash exposed areas thoroughly with soap and water.
- In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- Dispose of contaminated materials and empty containers in accordance with Federal, State and Local regulations.
- Tru-Motion H3168 contains H₁₂MDI. This chemical is a respiratory hazard and skin sensitizer.

COLORS:

Tru-Motion S9006 is available in four standard colors:

S9006-10	Brick Red
S9006-20	Chrome Green
S9006-40*	Blue
S9006-80	Black

Special color matches are also available upon request.

* S9006-40 Blue, other light shades of blue, and pastels in general should be coated with a pigmented aliphatic top coat to prevent discoloration of the track surface.

PACKAGING:

Tru-Motion S9006 color base is available in 5-gallon pails and 55-gallon OH drums.

STORAGE:

Tru-Motion S9006 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 factory sealed containers is 6 months.