

TRU-MOTION H3545 STRUCTURAL SPRAY COATING SYSTEM

Tru-Motion H3545 Structural Spray Coating is a one-component, high solids, mercury, heavy metal, and TDI (Toluene Diisocyanate) free structural spray system for running tracks and similar athletic surfacing applications. It has a flash point greater than 220° F and is not classified as a flammable material for purposes of transportation or storage.

TYPICAL PROPERTIES AND CHARACTERISTICS

H3545

PHYSICAL CHARACTERISTICS

Colors:	
H3545-10	Red
H3545-20	Green
H3545-40*	Blue
H3545-80	Black
H3545-_*	Custom
Appearance	Medium viscosity colored fluid
Density (depending on color)	9.2 – 10.0 lbs./Gal.
% Solids by Wt.	>90%
Flash Pt. TCC	>220° F

PHYSICAL PROPERTIES OF CURED FILMS

Tensile Strength (ASTM D412)	2,200+/-200 psi
Elongation at Break (ASTM D412)	500+/-40%

* H2545-40 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 specific recommendations.

PROCESSING

Tru-Motion H3545 cures by reaction with moisture. Keep all containers closed and sealed in storage. Avoid contact with water during handling and use.

Tru-Motion H3545 is best applied using specialized spray equipment developed for track installation. Equipment should be tested for suitability before installation is initiated. Tru-Motion H3545 is TDI free, however it does contain MDI isocyanates. Consult SDS for safe handling and personal protection information before using.

- Mix all containers of Tru-Motion H3545 thoroughly before use. Be sure to disperse any sedimentation that might have occurred during storage.
- Mix ratio:

PROCESSING DATA

Mix Ratio

H3545 Pigmented Coating	60%
0.5-1.5 mm EPDM Granule	40%

NOTE: Tru-Motion H3545 is supplied ready for application using most spray equipment. However, some equipment or applications may require viscosity reduction of the final mixture. Consult us for specific recommendations.

- Mix components thoroughly.
- Apply to surface with suitable equipment in two uniform coats at a typical application rate 1.60 lb/yd² (0.87 kg/m²) to achieve a final coating weight of 3.20 lb/yd² (1.73 kg/m²).
- Allow 12 to 24 hours cure time (depending on humidity and temperature) before applying lines and markings.

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.

PACKAGING

Tru-Motion H3545 Structural Spray is available in 5-gallon pails, 55-gallon OH drums and 240-gallon totes.

STORAGE

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 12 months.

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