TRU-MOTION™

TECHNICAL DATA

TRU-MOTION H3738

AROMATIC STRUCTURAL SPRAY COATING SYSTEM

Tru-Motion H3738 is a one-component, 100% solids, aromatic structural spray system for top coating running tracks, athletic and safety surfaces. Tru-Motion H3738 is >99% solids and contains essentially no VOCs (volatile organic compounds). It has a flash point greater than 350° F and it is not classified as a flammable material for purposes of transportation or storage.

Tru-Motion H3738 contains no mercury, lead or other heavy metals to complicate waste disposal problems. Tru-Motion H3738 is TDI (Toluene Diisocyanate) free, eliminating the regulatory and construction site safety hazards associated with TDI based structural spray systems.

Tru-Motion H3738 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
- Poor cured film properties resulting in premature wear

TYPICAL PROPERTIES AND CHARACTERISTICS

	H3738
PHYSICAL CHARACTERISTICS	
Colors	Red, Green, Blue*, Black, Custom*
Density (depending on color)	9.89 lbs./Gal.
Viscosity @78° F, 20 rpm	5,000 cps
% Solids by Wt.	>99%
Flash Pt. TCC	>350° F

* 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 H3738 cures by reaction with moisture. Keep all containers closed and sealed in storage. Avoid contact with water during handling and use.

Tru-Motion H3738 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 and personal protection.

Mix containers of Tru-Motion H3738 thoroughly before use, be sure to disperse any settling that might have occurred during storage.

PROCESSING DATA

Mix Ratio	(by weight)
Tru-Motion H3738 Coating	60
0.5-1.5 mm EPDM Granule	40

NOTE: Tru-Motion H3738 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 the mixing tank of spray unit or another 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/yd^2 (0.87 kg/m^2) per coat to achieve a final coating weight of 3.20 lb/yd^2 (1.73 kg/m^2).

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

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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.

COLORS

Tru-Motion H3738 is available in four standard colors: Brick Red, Chrome Green, Blue and Black. Special color matches are also available upon request.

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

PACKAGING

Tru-Motion H3738 is available in 5-gallon pails and 55-gallon OH drums.

STORAGE

Tru-Motion H3738 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 12 months.

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