

Technical Data



Tru-Motion™ H3609 ALIPHATIC MOISTURE CURE CHLORINE RESISTANT BINDER

Tru-Motion™ H3609 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the construction of Aquatic Surfaces using polyolefin granules.

Tru-Motion™ H3609 exhibits excellent color fastness and exterior durability allowing use of light colored polyolefin granules without the objectionable yellowing encountered when using MDI and TDI binders.

Tru-Motion™ H3609 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™ H3609. Consult SDS before use and observe all recommended safety and handling practices.

TYPICAL PHYSICAL CHARACTERISTICS:

Appearance:	Viscous fluid
Color:	Light yellow
Density:	8.52 lbs./Gal.
Viscosity:	6290 cps
% Free NCO:	12.3 %

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D 412):	2018 psi
Elongation (ASTM D 412):	25 %
Die C Tear (ASTM D 624):	276 pli



www.accellapolyurethane.com
2500 Adie Road, Maryland Heights, MO 63043
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PROCESSING:

Under normal conditions of installation, Tru-Motion™ H3609 binder for granular athletic surface products provides excellent work life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion™ H3609 binder for granular 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™ H3609 from draining off the granular components.

CAUTION: Even though Tru-Motion™ H3609 is a pure Aliphatic binder it should be checked before exterior use. Any colored polyolefin granule mixture used with Tru-Motion™ H3609 should be evaluated for color change before installation.

SAFETY AND HANDLING:

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

Consult SDS before handling and observe all recommended safety and handling practices

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



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PACKAGING:

Tru-Motion™ H3609 is available in 55 gallon closed head drums with a net weight of 450 lbs. and 5 gallon pails with a net weight of 40 lbs. Returnable and one way 250 gallon mini bulk containers are available on a special order basis.

STORAGE:

Tru-Motion™ H3609 should be stored in cool, dry, surroundings. Avoid prolonged storage at temperatures over 90°F. or below 50°F. Under conditions of proper storage, storage life of the product in original, factory sealed containers is 3 months.



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