

# Technical Data



## **Tru-Motion™ MOISTURE CURE POLYURETHANE SAFETY SURFACE BINDERS**

### **MDI Type Moisture Cure Binders**

#### **Tru-Motion™ H3590 General Purpose MDI Binder for Pour-in Place Safety Surfaces**

Tru-Motion™ H3590 is a 100% solids, MDI based, moisture cure polyurethane binder for use in the construction of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3590 is a medium reactivity rate MDI binder with a wide installation window for use in both the “cap” and “shock layer” of conventional pour-in-place systems.

#### **Tru-Motion™ H3591 Fast Reactivity MDI Binder for Pour-in Place Safety Surfaces**

Tru-Motion™ H3591 is a 100% solids, MDI based, moisture cure polyurethane binder for use in the construction of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3591 is a fast reactivity rate MDI binder for installation in cold weather or low humidity with a wide installation window for use in both the “cap” and “shock layer” of conventional pour-in-place systems.

### **Aliphatic Moisture Cure Binders**

#### **Tru-Motion™ H3168 General Purpose Aliphatic Binder for Pour-in Place Safety Surfaces**

Tru-Motion™ H3168 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in construction of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3168 exhibits reactivity, physical property, and cure rates similar to those of MDI based binders resulting in installation and handling characteristics typical of these systems. Tru-Motion™ H3168 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 additions, Tru-Motion™ H3168 exhibits improved resistance to deterioration by water and pool chemicals.



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## **Tru-Motion™ H3219 Slow Reactivity Aliphatic Binder for Pour-in Place Safety Surfaces**

Tru-Motion™ H3219 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the construction of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3219 is slower in cure rate than standard H3168 aliphatic binder for installation at higher humidity and temperature or when longer open times are required for decorative work. It is similar to H3168 in all other properties.

## **Tru-Motion™ H3601 Fast Reactivity Aliphatic Binder for Safety Surface Repair and Refinish**

Tru-Motion™ H3601 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the repair of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3601 exhibits faster reactivity and cure rates compared to those of conventional aliphatic binder products making it ideal for repairs and reconsolidation of existing urethane bonded EPDM granule surfaces. Tru-Motion™ H3601 exhibits excellent color fastness and exterior durability allowing use of light color EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders.

## **Tru-Motion™ H3604 Fast Reactivity Aliphatic Binder for Aquatic Surface Repair and Refinish**

Tru-Motion™ H3604 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in the construction, refinish, and repair of bonded rubber granule “pour-in-place” surfaces. In addition to excellent color stability, it also exhibits resistance to common chemicals used to treat water and surfaces in swimming pool and water park installations. Tru-Motion™ H3604 exhibits rapid cure rate under a variety of climatic conditions to produce a durable surface that can be open to light traffic in minimum time, making it particularly useful for repair and maintenance of high use areas such as public parks, commercial areas, theme and water parks.



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## **Tru-Motion™ H3609 Aliphatic Binder for Maximum Resistance to Aquatic Environments**

Tru-Motion™ H3609 is a 100% solids, aliphatic isocyanate based, moisture cure binder for use specifically in the construction of Aquatic Surfaces using suitable chlorine and pool chemical resistant colored granules. Tru-Motion™ H3609 provides maximum resistance to chlorine and pool chemical attack but is considerably harder and less resilient than normal aliphatic and MDI base granule binders. Tru-Motion™ H3609 exhibits excellent color fastness and exterior durability allowing use of light colored granules without the objectionable yellowing encountered when using MDI and TDI binders.

## **Aromatic Moisture Cure Underlayment Binder**

### **Tru-Motion™ H3592 Buffings Binder**

Tru-Motion™ H3592 is a 100% solids, MDI based, moisture cure polyurethane binder for use in the construction of bonded rubber granule “pour-in-place” safety surfaces. Tru-Motion™ H3592 is a variable reactivity rate MDI binder with a wide installation window for use in the “shock layer” of conventional pour-in-place systems.



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