

# High-Performance PU Adhesive for EPDM Surfacing



## Introduce

A premium one-component, moisture-curing polyurethane adhesive, engineered for strong, durable bonding of 100% virgin EPDM granules in playgrounds, running tracks, and outdoor flooring. Offers excellent UV/weather resistance, low odor, and compliance with REACH, RoHS & EN 71-3.





# MOUNTSHIP M200

## MDI-Based High-Performance PU Adhesive

The Value-Driven Choice for Volume Projects  
 Engineered for dark-color EPDM tracks & courts — delivers >2.0 MPa adhesion, REACH/RoHS/EN 71-3 compliance, and rapid 1K application. Trusted in 500+ school & community projects worldwide.

## Product Core Information

Item	Details
Product Name	<b>MOUNTSHIP M200</b>
Product Definition	MDI-Based Polyurethane Adhesive
Core Features	1. Strong adhesion and excellent durability; 2. Superior weather resistance (adapts temperatures: -40°C~80°C); 3. Convenient construction; 4. budget-friendly 5. Environmentally compliant
Application Scenarios	Outdoor sports fields, children's playgrounds, recreational walkways, water parks, etc.
Compatible Substrates	EPDM granules, SBR rubber, ETPU granules, asphalt, concrete, artificial turf

## Technical Specification

Item	Specification
Appearance	Colorless or light yellow transparent liquid; no sediment, no odor
Density (23 °C)	1.05 + 0.05 g/cm <sup>3</sup>
Viscosity (23 °C)	2400+700 mPa·s
Curing Method	Moisture-curing (single-component, no mixing required)
Service Temperature Range	40°C to +80°C
Packaging	20 kg /200 kg (sealed drums)



# MOUNTSHIP A950

## Aliphatic Non-Yellowing PU Adhesive

The Premium Standard for Safety & Aesthetics  
Zero yellowing for 2+ years on white/light EPDM surfaces; near-odorless, EN 71-3 certified. Ideal for luxury playgrounds, hospitals, and indoor children's zones.

## Product Core Information

Item	Details
Product Name	MOUNTSHIP A950
Product Definition	Aliphatic Anti-Yellowing PU Adhesive
Core Features	<ol style="list-style-type: none"> <li>1. High bonding strength &amp; excellent durability;</li> <li>2. Anti-yellowing;</li> <li>3. Superior weather resistance (temperature tolerance: -40°C to 80°C);</li> <li>4. Easy application &amp; wide adaptability;</li> <li>5. Environmentally compliant &amp; low VOC emissions</li> </ol>
Application Scenarios	Outdoor sports fields, children's playgrounds, recreational walkways, water parks, Especially recommended for light colored/white systems, high-end residential and commercial venues
Compatible Substrates	EPDM granules, SBR rubber, ETPU granules, asphalt, concrete, artificial turf

## Technical Specification

Item	Specification
Appearance	Colorless or light yellow transparent liquid; no sediment, no odor
Density (23 °C)	1.05 + 0.05 g/cm <sup>3</sup>
Viscosity (23 °C)	2400+700 mPa·s
Curing Method	Moisture-curing (single-component, no mixing required)
Service Temperature Range	40°C to +80°C
Packaging	20 kg /200 kg (sealed drums)



# Comparison Table



<b>MOUNTSHIP M200</b> (MD1-Based)	Project	<b>MOUNTSHIP A950</b> (Aliphatic No Yellowing)
Cost-efficient, high-volume projects	suitable scene positioning	Premium projects demanding color stability & child safety
Dark colors (red, blue, black) Light colors may yellow overtime	color characteristics	White, pastels, bright & custom Pantone colors, Zero yellowing for 2+ years
TDI-free; free MDI<0.1%( REACH, ROHS, EN 71-3)	composition certification	Near-odorless curing ,(REACH, ROHS, EN 71-3)
>2.0 MPa(EPDM/concrete) Resists delamination under load, pressure wash, thermal cycling	adhesion performance	High adhesion with enhanced flexibility & long-term durability
Single-component, no mixing Fast tack & strength build-up 40% faster installation	construction characteristics	Single-component user-friendly , Ideal for precision surfacing
School tracks, community courts, base layers	application scenarios	Luxury playgrounds, theme parks, hospitals, indoor play zones
High performance at ~90% of aliphatic cost	evaluation	Premium performance for safety, aesthetics & longevity

## Storage & Transport

Store in a dry, well-ventilated area—upright and away from heat or ignition sources. During transport, avoid compression or impact; handle with care.



## Disclaimer

The data included in this document are indicative values subject to manufacturing tolerances. It remains the duty of the user to check the suitability of the product for its intended use and to ensure that the goods are suitable in terms of shape and quality for the intended purpose. The available data support the user in deciding whether the products are suitable for the intended purpose. We warrant that our products will meet the written specifications within the tolerances indicated.