

HIGH-PERFORMANCE THERMOPLASTIC ROAD MARKING PAINT

Built for visibility, adhesion,
smooth application, and
durable road performance.



ENGINEERED FOR BETTER ROAD MARKING PERFORMANCE

Safemark Thermoplastic Road Marking Paint is manufactured with a strong focus on quality, consistency, and real road performance.

Our material is developed to deliver high visibility, strong adhesion, smooth application, and long-lasting durability on every project.



Quality is not just
what goes into the bag.
**Quality is what performs
on the road.**

OUR MANUFACTURING FOCUS

Every batch is produced with strict control over key performance factors to ensure consistent quality and reliable road results.



STRONG ADHESION

Better bonding with road surface for long-lasting lines.



HIGH VISIBILITY

Bright and clear finish for better day & night visibility.



INTERMIX GLASS BEADS

Improved reflectivity and long-term performance.



SMOOTH FLOW

Consistent melting and flow for clean application.



REDUCED CRACKING

Polymer modified formulation for better durability.



HEAVY TRAFFIC READY

Designed to perform well on demanding road conditions.



SAFEMARK

RETROREFLECTIVE THERMOPLASTIC ROAD MARKING PAINT

Safemark Retroreflective Thermoplastic Road Marking Paint is designed for durable, high-visibility road marking applications across highways, city roads, municipal roads, industrial areas, parking areas, and project sites.



PRODUCT DETAILS

 Product Type	Retroreflective Thermoplastic Road Marking Paint
 Colors	White and Yellow
 Packing	25 kg bags
 Application Thickness	1.5 mm to 5 mm
 Application Temperature	180°C to 200°C
 Drying Time	Approx. 3–5 minutes
 Standards Reference	Nepal Road Standard, BS, MORTH compatible
 Suitable For	Highways, city roads, municipal roads, industrial roads, parking areas, project sites

KEY BENEFITS

-  Bright white and yellow finish
-  Strong adhesion
-  Smooth melting and flow
-  High intermix glass bead content
-  Better bead holding
-  Reduced cracking tendency
-  Suitable for heavy traffic conditions

**“ QUALITY IS NOT JUST WHAT GOES INTO THE BAG.
QUALITY IS WHAT PERFORMS ON THE ROAD. ”**

WHY ROAD MARKING QUALITY MATTERS

High-quality road markings are essential for safety, efficiency and long-term performance. They guide traffic, improve visibility and reduce accidents—day and night. Quality you can see. Safety you can trust.

ROAD MARKING PERFORMANCE DEPENDS ON:



Material
Quality



Binder
Strength



Glass Bead
Content



Application
Thickness



Application
Temperature



Surface
Preparation



Application
Timing



Application
Equipment



Traffic &
Load



Weather
Conditions



QUALITY TODAY. SAFETY EVERYDAY.

Durable road markings deliver guidance, reduce risk and stand the test of time.

FACTORS THAT DEFINE QUALITY

	High Visibility	Bright, reflective markings for clear visibility in all conditions
	Strong Adhesion	Superior bonding with the road surface to resist wear and tear
	Durability	Resists UV, rain, abrasion and heavy traffic loads
	Retroreflectivity	Returns light to the driver for better night-time visibility
	Skid Resistance	Maintains friction and road safety in wet conditions
	Consistent Application	Uniform thickness and accurate placement for reliable performance
	Cost Efficiency	Longer life and lower maintenance for better value

WHY IT MATTERS



Guides traffic and prevents confusion



Reduces accidents and saves lives



Performs in all weather and light conditions



Supports smooth traffic flow and efficiency



Lowers maintenance and life-cycle cost



Meets standards and ensures compliance

**“ QUALITY IS NOT PROVEN IN THE BAG.
QUALITY IS PROVEN ON THE ROAD. ”**



WHY CONTRACTORS CHOOSE SAFEMARK

Safemark Thermoplastic Road Marking Paint is developed for contractors who need reliable application performance, better visibility, and long-lasting road results under demanding site conditions.



High Binder Content

Better adhesion and durability



High Intermix Glass Bead Content

Better long-term reflectivity



Bright White Finish

Better daytime contrast



Better Bead Holding

Improved reflective performance



Polymer-Modified Binder System

Helps reduce cracking tendency



Drop-On Bead Compatibility

Improved night visibility



Smooth Melting and Flow

Easier application and cleaner finish



Heavy Traffic Suitability

Better performance under demanding roads

“ **SAFEMARK IS BUILT FOR RELIABLE ROAD MARKING PERFORMANCE.** ”





ROAD SOLUTION PVT. LTD.

PRECISION TODAY. PERFORMANCE TOMORROW.

Our thermoplastic road marking solutions are engineered for accuracy, consistency, and long-term performance—project after project.

BUILT FOR REAL-WORLD ROAD CONDITIONS



Engineered
for Durability



Precision
Application



Reliable
Performance



APPLICATION PROCESS



SURFACE PREPARATION

Clean the surface thoroughly for better adhesion.



MATERIAL APPLICATION

Apply thermoplastic paint at the required thickness.



GLASS BEAD APPLICATION

Apply glass beads for enhanced reflectivity and visibility.



COOLING & SETTING

Allow the marking to cool and set for strong and long-lasting results.



READY FOR TRAFFIC

High-performance markings ready to withstand heavy traffic.

“CONSISTENT PROCESS. SUPERIOR RESULTS.
SAFER ROADS FOR EVERYONE.”



Consistent application process for maximum performance and road safety.



Safemark Road Solution Pvt. Ltd.
Biratnagar, Nepal



Trusted by Contractors.
Preferred for Performance.

**SAFER ROADS.
STRONGER FUTURE.**

EVERY LINE MATTERS. EVERY ROAD SAFER.

Safemark provides complete thermoplastic road marking solutions—precision machinery, premium materials, and expert support for durable, high-visibility road markings that last.



Reliable
Equipment



Premium
Materials



High Visibility
Performance



Strong After-Sales
Support



SMMM012

HAND PUSH THERMOPLASTIC ROAD MARKING MACHINE



SPECIFICATIONS

- ▶ This system is made by Stainless Steel 204.
- ▶ Manual Hand Push Machine.
- ▶ Two dispenser box 10cm and 15cm.
- ▶ Two laying shoes (DAI) 10cm and 15cm with thickness controller tips.
- ▶ Thermoplastic paint tank capacity 100 kg.
- ▶ Glass beads containers capacity 12 kg.
- ▶ Dimensions of applicator W16" x L36" x H36"
- ▶ Heating system LPG (Commercial)
- ▶ Front Wheel size 10" x 2".
- ▶ Back Wheel size 6" x 2".
- ▶ Weight of total system 130 kg.
- ▶ Glass Beads system spraying Rotor type
- ▶ Complete tool Box.
- ▶ Manual guide Book.

SMMB018

THERMOPLASTIC ROAD MARKING BOILER

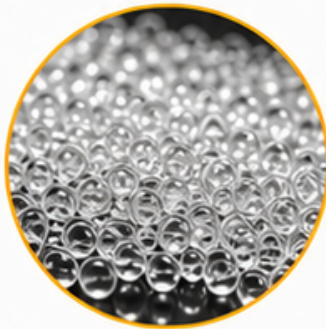


SPECIFICATIONS

- ▶ Road Marking Machine made by Safemark.
- ▶ 300 Boiler Capacity.
- ▶ 4 Layer Jacket
 1. Stainless Steel of 3 mm.
 2. MS Steel of 4mm Thickness which is enclose with oil.
 3. MS Steel of 2mm Thickness enclose with air.
 4. MS Steel of 2mm Thickness enclose with glass wool to maintain temperature.
- ▶ Tank capacity 300kg (12BAG) capacity
- ▶ Gear box Eicher.
- ▶ Dimensions of Boiler 91" x 142" x 157".
- ▶ Engine type Onkar Air cold diesel engine.
- ▶ Engine Horse power 8HP.
- ▶ Heating system LPG (commercial).
- ▶ Weight of total system 450 kg.
- ▶ Operating System Manual.

SAFESHINE DROP ON GLASS BEADS

Safeshine drop on glass beads deliver high reflectivity and excellent visibility when applied on thermoplastic road markings—day or night.

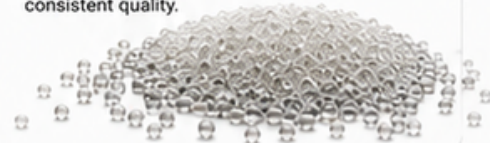


KEY BENEFITS

- ★ High Reflectivity (BS 6088 Type B Coated)
- ★ Better Visibility Day & Night
- ★ Uniform Size & Roundness
- ★ Strong Bonding with Marking
- ★ Improves Overall Road Safety

HIGH REFLECTIVITY BS 6088 TYPE B COATED

Engineered to meet BS 6088 Type B Coated standard for superior retroreflective performance and consistent quality.



**COMPLETE SOLUTION.
ONE TRUSTED PARTNER.**



Quality Products
You Can Rely On



Support That
Keeps You Moving



Partnership That
Builds Success



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**QUALITY MARKINGS.
SAFER ROADS.
BETTER FUTURE.**

CONTACT SAFEMARK

FOR ROAD MARKING PAINT & ROAD SAFETY SOLUTIONS

Safemark Road Solution supplies thermoplastic road marking paint, drop-on glass beads, road marking application machines, and road safety solutions for contractors, infrastructure companies, municipal projects, and road marking professionals.

CONTACT US FOR

-  Thermoplastic road marking paint
-  Drop-on glass beads
-  Road marking application machines
-  Road safety products
-  Bulk supply
-  Project quotation

Safemark Road Solution Pvt. Ltd.



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**Share your project
requirement for quotation.**

