

Product Technical Manual

Revision Date: 2025-03-15

TDS Number: WHS_001

Product Name: Spray Polyurethane Foam System for Bus Seat Cushions Interior

Version: V 3.1

Product Introduction

Eco-friendly fluorine-free polyurethane foam is used for bus seats with high resilience, long-term shape retention, soft texture, superior tear resistance and simplified manufacturing via one-shot molding in molds.

Performance Characteristics

High Flowability

Uniform density

Exceptional tear resistance

Lightweight

Maintenance-Free

Corrosion-resistant

Flame retardant

Noise reduction

Application Field

Engineered for high rebound elasticity and superior comfort, widely adopted in car seats, luxury coach seating, and motorcycle saddles.

Packing Details

Component A: Net weight 200 kg/drum;

Component B: Net weight 250 kg/drum.

Mixing ratio: A:B = 100: 45-55 (by weight).

Storage (Usage) Precautions

This product shall be stored in a cool, well-ventilated, and dry warehouse, protected

from rain, direct sunlight, open flames, and heat sources. The storage temperature must be maintained at 10–35 °C

The shelf life of this product is 6 months from the date of production when stored in unopened original packaging. If the product exceeds the shelf life, it can still be used after passing inspection according to the technical requirements specified in the product standards

This product does not contain organic solvents and can be transported as non-hazardous goods. During transportation, rain, direct sunlight, and high temperatures must be strictly avoided, and all operations must comply with regulations of the transportation authorities. Smoking and open flames are strictly prohibited in storage, transportation, and construction areas

Expiration Date

Under appropriate storage conditions, the storage period of the polyurethane rigid foam spraying composite material for coach interiors is 6 months. After exceeding 6 months, it can continue to be used after passing inspection.

For safety and environmental protection-related information, please refer to the Safety Data Sheet (SDS) of our product or contact our Customer Service Center.

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The indicators and data provided in this document are based on our current level of technical knowledge and practical experience, and are for reference only. Specific guaranteed indicators are subject to the quality assurance certificate or supply contract. The user is responsible for testing the products purchased from our company to verify their suitability for their intended processes and applications, and to achieve the desired objectives. Further application and processing of our products are beyond our control. Therefore, our liability for the products provided is limited to the portion delivered by us and used by you. We do not assume responsibility for indirect losses incurred during the production process using our products as raw materials. Our technical support and customer service center are available to provide consultation and technical services related to our products. We welcome your inquiries and communication via mail or phone.

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