



**TURBO LINER  
PRODUCTS INC.  
1 W. CAMERON  
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## **TURBO LINER MH752**

*Two Component Aromatic Hybrid  
Polyurethane Protective Coating*

### **DESCRIPTION**

Polyeuro® MH752 is a fast set, rapid curing, aromatic, two component hybrid polyurea/polyurethane spray designed to be applied over EPS, wood, and many other surfaces. It's excellent balance of stiffness and impact resistance provides excellent plastic "shell-like" protection for delicate foams and EPS. Polyeuro® MH752's chemical design allows fast "user-friendly" application with excellent flow and appearance.

### **FEATURES**

- ❖ Plastic "Shell-Like" Protection
- ❖ 100% Solids
- ❖ Meets USDA Criteria
- ❖ Excellent Thermal Stability
- ❖ Excellent Chemical Protection
- ❖ Excellent Cold Temperature Impact
- ❖ Low Shrinkage
- ❖ Zero VOC
- ❖ Fast Cure
- ❖ High Productivity

### **TYPICAL USES**

- ❖ Decorations / Props
- ❖ Architectural Shapes
- ❖ Steel Coating
- ❖ Food Processing Plants
- ❖ Speaker Boxes
- ❖ Dock Flotations
- ❖ Wood Pallets / Crates
- ❖ Wood Cabinets

### **COLORS**

Neutral. Custom colors are available upon request.

### **PACKAGING**

10 gallon kit: One 5 gallon pail of Part-A and one 5 gallon pail of Part-B.

100 gallon kit: One 50 gallon drum of Part-A and one 50 gallon drum of Part-B.

### **COVERAGE**

Polyeuro® MH752 may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1600 sq. ft.

### **SURFACE PREPARATION**

Refer to general guidelines for complete information.

### **MIXING**

Polyeuro® MH752 may not be diluted under any circumstances. Use appropriate solvent for solvent purge line and flushing of equipment and if spraying stops for periods exceeding the potlife of the material. Thoroughly mix Polyeuro MH752 Part-B Base material with air driven power equipment until a homogeneous mixture and color is obtained.

### **APPLICATION**

Both Part-A and Part-B materials should be preconditioned at 75-80°F before application.

Polyeuro® MH752 should be applied using a plural component, heated, high pressure 1:1 spray equipment.

### **TECHNICAL DATA** (Based on compressed film)

Mix Ratio by Volume .....	1A : 1B
Pot Life .....	2-4 seconds
Tack Free Time .....	60-120 seconds
Recoat Time .....	0-12 hours
Viscosity at 150-160°F (66.5-71°C), Brookfield:	
Part-A .....	± 20 cps
Part-B .....	± 20 cps
Density (Side A & B Combined) .....	lbs/gal
Flash Point .....	>200°F
Hardness, ASTM D-2240 .....	75 ± 5 D
Tensile, ASTM 412-C .....	3700 ± 200 psi
Elongation, ASTM 412-C .....	40% ± 20%
Tear, ASTM 624-C .....	450 ± 50 pli
Service Temperature .....	-40°F to 300°F

Polyeuro® MH752 may be applied at any ambient temperature. However, the equipment temperature is important. Both Part-A and Part-B materials should be sprayed at temperatures above 150°F. Adequate pressure and temperature should be maintained at all times.

### **EQUIPMENT CLEAN UP**

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

### **STORAGE**

Polyeuro® MH752 has a shelf life of six (6) months from date of manufacture in factory sealed containers.

Part-A and Part-B drums must be stored above 60°F.

Avoid freezing temperatures.

Store drums on wooden pallets to avoid direct contact with the ground.

If stored for a long period of time, rotate Part-A and Part-B drums regularly.

### **LIMITATIONS**

Due to its aromatic composition, Polyeuro® MH752 will tend to yellow or darken in color and will become flat after exposure to UV light. Polyeuro® MH752 may be topcoated with an aliphatic polyurethane coating for a colorfast finish.

Do not open until ready to use.

### **WARNING**

This product contains Isocyanates and Curative Material.

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***Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Turbo Products representative or visit our website for current technical data and instructions.***

#### **LIMITED WARRANTY**

Turbo Products warrants its products to be free of manufacturing defects and that they will meet Turbo Products current published physical properties. Turbo Products warrants that its products, when properly installed by a state licensed waterproofing contractor according to Turbo Products guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of one (1) year. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Turbo Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Turbo Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Turbo Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

#### **DISCLAIMER**

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