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SEM 39357

SEM 39357 Flexible Urethane Foam

INSTRUCTION MANUAL

Product Overview

SEM 39357 Flexible Urethane Foam is a two-component black foam designed to replicate OEM foams used for sound deadening applications. This product is formulated to stop vibration and dampen sound in most voids.

Key features include:

- New formulation for enhanced performance.
- Duplicates OEM foam characteristics.
- Effective for sound deadening.



Image: SEM 39357 Flexible Urethane Foam in its packaging, showing the main product and a smaller companion product (39352).

Safety Information

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Always wear appropriate personal protective equipment (PPE) including gloves, eye protection, and respiratory protection

when handling this product. Ensure adequate ventilation in the work area. Refer to the Safety Data Sheet (SDS) for complete safety information.

Setup

- 1. Surface Preparation:** Ensure the application surface is clean, dry, and free of grease, oil, dust, and other contaminants. For optimal adhesion, surfaces may require light sanding and cleaning with an appropriate solvent.
- 2. Temperature:** For best results, apply the foam at room temperature (65-75°F / 18-24°C).
- 3. Product Preparation:** Before use, ensure both components of the urethane foam are at the recommended temperature. Attach the mixing nozzle securely to the cartridge.
- 4. Dispensing Gun:** Load the cartridge into a suitable two-component dispensing gun. Dispense a small amount of material onto a disposable surface until a consistent, uniform color is achieved, indicating proper mixing.



Image: Close-up of the SEM 39357 Flexible Urethane Foam cartridge, highlighting the dual-mix design and the attached mixing nozzle.

Operating Instructions

Once the product is prepared and the mixing nozzle is attached, apply the foam directly into the desired void or area. The foam will expand and cure, providing sound deadening and vibration dampening properties.

- **Application:** Apply steadily and evenly. Avoid overfilling as the foam will expand.
- **Working Time:** The working time for this product is approximately 25 minutes. Plan your application accordingly.
- **Set Time:** The foam will begin to set within 30 minutes. Avoid disturbing the applied foam during this period.
- **Paint Time:** The foam can be painted after 30 minutes, if desired.

Maintenance

- **Storage:** Store the product in a cool, dry place away from direct sunlight and extreme temperatures. Ensure caps are securely replaced on unused cartridges.
- **Nozzle Disposal:** Dispose of used mixing nozzles properly after each use, as they cannot be reused once the material has cured inside.
- **Equipment Cleaning:** Clean dispensing guns and any tools immediately after use with an appropriate solvent before the foam cures.

Troubleshooting

- **Poor Mixing/Inconsistent Cure:**

Issue: Foam does not cure properly or remains tacky.

Solution: Ensure the mixing nozzle is correctly attached and that a sufficient amount of material was purged before application to ensure proper component ratio. Verify product temperature is within recommended range.

- **Insufficient Expansion:**

Issue: Foam does not expand as expected.

Solution: Check product temperature. Cold product may not expand fully. Ensure the cartridge is not expired.

- **Clogged Nozzle:**

Issue: Material flow is restricted or stops.

Solution: Replace the mixing nozzle. Do not attempt to clear a clogged nozzle by force, as this may damage the cartridge or dispensing gun.

Specifications

Attribute	Value
Brand	SEM
Model	39357
Item Weight	7 ounces
Product Dimensions	7.1 x 4.3 x 1.3 inches
Manufacturer Part Number	39357
Date First Available	July 7, 2007

Warranty and Support

For specific warranty information regarding the SEM 39357 Flexible Urethane Foam, please refer to the product packaging or contact SEM directly. General product support and technical assistance can be obtained through the manufacturer's official website or customer service channels.

Manufacturer: SEM

Website: www.semproducts.com (Example, actual URL may vary)

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This manual is for informational purposes only. Always follow local regulations and safety guidelines.