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Rust-Oleum 289377

Rust-Oleum AS5400 Epoxy Black GLOSS 5 GALLON User Manual

Model: 289377 | Brand: Rust-Oleum

1. PRODUCT OVERVIEW

The Rust-Oleum AS5400 Epoxy Black GLOSS is a high-quality, durable coating designed for various surfaces. This 5-gallon container provides ample material for large projects, offering a glossy black finish. It is formulated for use on wood, metal, and concrete, providing a robust and long-lasting protective layer.



Image: A 5-gallon black metal container of Rust-Oleum AS5400 Epoxy Black GLOSS. The label clearly shows "Rust-Oleum" and "SAFETEX Anti-Slip One Part Epoxy AS5400" with "Black" color indication.

2. SPECIFICATIONS

Attribute	Detail
Model Name	289377

Attribute	Detail
Brand	Rust-Oleum
Color	Black
Finish Type	Brushed, Gloss
Material	Resin-based Blend
Liquid Volume	5 Gallons
Item Weight	72 Pounds
Surface Recommendation	Wood, Metal, Concrete
Coverage	5 (Implied: Gallons, likely per certain square footage, but only "5" is given)
UPC	020066297947
Manufacturer	Rust-Oleum

3. SAFETY INFORMATION

Always prioritize safety when working with epoxy coatings. Read and understand all product labels and Safety Data Sheets (SDS) before use.

- **Ventilation:** Ensure adequate ventilation in the work area. Use respirators if necessary.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses or goggles, chemical-resistant gloves, and protective clothing.
- **Flammability:** Keep away from open flames, sparks, and other ignition sources.
- **Skin and Eye Contact:** Avoid direct contact. In case of contact, flush immediately with plenty of water and seek medical attention.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Call a poison control center or doctor immediately.
- **Storage:** Store in a cool, dry, well-ventilated area, away from direct sunlight and extreme temperatures. Keep container tightly closed when not in use.
- **Disposal:** Dispose of unused product and waste materials in accordance with local, state, and federal regulations.

4. SURFACE PREPARATION & SETUP

Proper surface preparation is critical for optimal adhesion and durability of the epoxy coating.

1. **Clean the Surface:** Ensure the surface is clean, dry, and free of dirt, dust, grease, oil, wax, and loose paint. Use a degreaser if necessary, then rinse thoroughly and allow to dry completely.
2. **Repair Imperfections:** Fill any cracks, holes, or imperfections with an appropriate patching compound and allow to cure. Sand smooth if needed.
3. **Roughen Smooth Surfaces:** For very smooth or glossy surfaces, light sanding or etching may be required to create a profile for better adhesion. Remove all sanding dust.
4. **Prime (Optional/Recommended):** For best results, especially on porous or heavily stained surfaces, apply a suitable primer according to the manufacturer's instructions. Allow primer to dry completely.
5. **Environmental Conditions:** Ensure the ambient temperature and humidity are within the recommended range for

application, typically between 50°F (10°C) and 90°F (32°C) with relative humidity below 85%.

6. **Mixing:** Stir the epoxy thoroughly before use. For this "One Part Epoxy", simply stir well to ensure uniform consistency.

5. APPLICATION INSTRUCTIONS

Follow these steps for effective application of the Rust-Oleum AS5400 Epoxy Black GLOSS.

1. **Application Tools:** Use a high-quality roller with a short nap, a brush, or an airless sprayer suitable for epoxy coatings.
2. **First Coat:** Apply a thin, even coat of epoxy. Work in small sections to maintain a wet edge and avoid lap marks.
3. **Drying Time:** Allow the first coat to dry to the touch according to the product label's recommended recoat time. This is typically several hours, but can vary based on temperature and humidity.
4. **Second Coat (If Needed):** If a second coat is desired for increased durability or coverage, apply it within the recommended recoat window. Applying too early or too late can affect adhesion.
5. **Curing Time:** The epoxy will be dry to the touch relatively quickly, but full cure and maximum hardness can take several days to a week. Avoid heavy traffic or placing objects on the coated surface until fully cured.
6. **Ventilation During Drying:** Maintain good ventilation during the drying and curing process.

6. MAINTENANCE & CARE

Proper maintenance will extend the life and appearance of your epoxy-coated surface.

- **Cleaning Tools:** Clean tools immediately after use with mineral spirits or an appropriate epoxy cleaner.
- **Surface Cleaning:** Once fully cured, the epoxy surface can be cleaned with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Spill Management:** Wipe up spills promptly to prevent staining, especially with acidic or corrosive substances.
- **Regular Inspection:** Periodically inspect the coated surface for any signs of wear or damage. Address minor issues promptly to prevent further deterioration.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Uneven Finish / Streaks:

Cause: Improper application technique, insufficient mixing, or uneven surface preparation.

Solution: Ensure thorough mixing. Apply epoxy evenly, maintaining a wet edge. Ensure surface is properly prepared and smooth before application. A light sanding and reapplication of a thin coat may be necessary.

Poor Adhesion / Peeling:

Cause: Inadequate surface preparation (e.g., dirty, greasy, or overly smooth surface), application over incompatible coatings, or high moisture content in the substrate.

Solution: Ensure surface is meticulously clean, dry, and properly profiled. Test adhesion on a small area if unsure about compatibility with existing coatings. Address any moisture issues in the substrate.

Bubbles / Pinholes:

Cause: Applying too thickly, rapid drying, outgassing from porous surfaces, or excessive rolling/brushing.

Solution: Apply thinner coats. Ensure proper ventilation but avoid excessive airflow that causes rapid drying. For porous surfaces, a primer can help. Avoid overworking the epoxy during application.

Slow Curing / Tacky Surface:

Cause: Low temperatures, high humidity, or incorrect mixing (if it were a two-part system, but this is one-part).

Solution: Ensure application and curing temperatures are within the recommended range. Maintain good ventilation. Allow more time for curing in cooler or more humid conditions.

8. WARRANTY & SUPPORT

For specific warranty information regarding the Rust-Oleum AS5400 Epoxy Black GLOSS, please refer to the official Rust-Oleum website or the product packaging. Warranty terms and conditions may vary.

For technical support, product inquiries, or further assistance, please visit the official Rust-Oleum store on Amazon or their corporate website:

[Rust-Oleum Store on Amazon](#)

[Rust-Oleum Official Website](#) (External Link)

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Related Documents - 289377

	<p>Rust-Oleum Cabinet Transformations: Technical Data and Application Guide</p> <p>Comprehensive technical data and step-by-step application guide for Rust-Oleum Cabinet Transformations, a DIY cabinet coating system for transforming wood, laminate, and metal cabinets. Includes product details, preparation, application, and physical properties.</p>
	<p>Rust-Oleum Stops Rust Textured Sprays: Technical Data and Application Guide</p> <p>Technical data and application guide for Rust-Oleum Stops Rust Textured Sprays, detailing product uses, preparation, application instructions, dry times, cleanup, and physical properties for various textured spray paint finishes.</p>
	<p>Rust-Oleum Fillcoat Waterproofing Membrane: Technical Specifications</p> <p>Detailed technical specifications for Rust-Oleum Fillcoat waterproofing membrane, including application, drying times, consumption, and safety data for roofs and terraces. Product code: Fillcoat.</p>

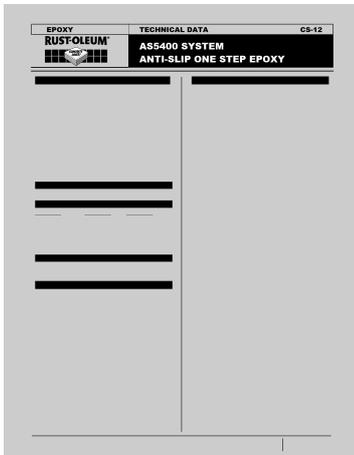
Safety Data Sheet **RUST-OLEUM CORPORATION**
 "Protect Quality Since 1967"
 www.rustoleum.com

1. Identification			
Product Name:	ROHPER LSPR 6PK GLOSS BLACK	Revision Date:	8/15/2018
Product Identifier:	10778888	Preparation Date:	8/8/2018
Recommended Use:	No Information		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Rust-Oleum Company (RUCO) 200 Concession Parkway Chicago, IL 60612 USA Emergency Phone: 800-387-3823		
Emergency Telephone:	Regulatory Department 24-hour hotline: 800-387-3700		

2. Hazard Identification	
Classification:	
Symbols of Product:	
Signal Word:	Danger
Possible Hazards:	2/3 of the hazard symbols of ingredients of unknown acute toxicity.
GHS HAZARD STATEMENTS:	
Corrosive hazard, category 1	H314 Causes severe skin burns and eye irritation.
Combustible Gas	H252 Contains gas under pressure; may explode if heated.
Ecotoxicity, category 2	H411 Toxic to aquatic life.
STOT, single exposure, category 3, NE	H373 May cause drowsiness or dizziness.
Exp irritates, category 2	H332 Causes irritation to the respiratory system.

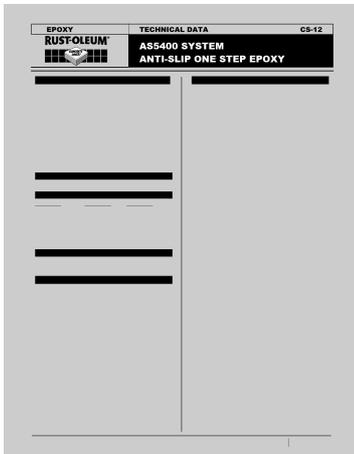
[\[pdf\]](#) Instructions Datasheet Safety Datasheet

Rust Oleum GHS 16 Section SDS Safety Data Sheet content interlinebrands P201 Obtain special instructions before use P280 Wear protective gloves clothing eye protection face P308 P313 IF exposed or concerned Get medical advice attention P405 Store locked up P501 Dispose of contents container in accordance with local regional and national regulations 289377 E product document 10167 Date Printed: 8/15/2018 Page 1 / 7 Safety Data Sheet 1. Identification Product Name: ROHPER LSPR 6PK GLOSS BLACK Product Identifier: Recommended Use: Supplier: Preparer: Emergency Telephone: V2179838 No Information Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA Rust-Ole... lang:en score:28 filesize: 115.82 K page_count: 7 document date: 2018-12-18



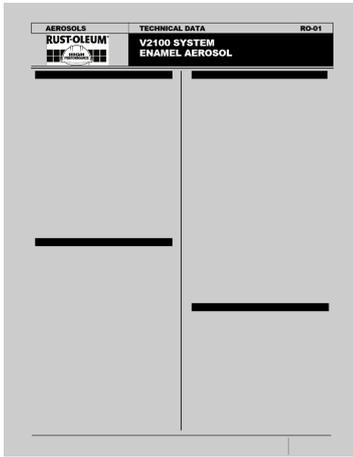
[\[pdf\]](#) Specifications

Joe Muccianti Specification Rust Oleum® Concrete Saver® 1 Gallon Anti Slip Epoxy Paint in Dunes Tan AS5471402 Pollardwater Query ASSET ID 3666877 USE TYPE SPECIFICATION PRODUCT 1814916 api ferguson dar step service ||| EPOXY TECHNICAL DATA AS5400 SYSTEM ANTI-SLIP ONE STEP EPOXY CS-12 .DESCRIPTION AND USES . Rust- ... ck Navy Gray One Gallon AS5444 AS5471 AS5482 AS5468 AS5479 AS5486 Five Gallon 289378 ---289376 ---289377 ---- .RECOMMENDED PRIMER . For metal substrates, use 9100 System DTM Epoxy Mastic. .PRODU... lang:en score:26 filesize: 167.67 K page_count: 3 document date: 2017-06-05



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Joe Muccianti AS5400 System CS12 2077990 rustoleum ~ media DigitalEncyclopedia Documents RustoleumUSA TDS English IBG Concrete Saver ashx EPOXY TECHNICAL DATA AS5400 SYSTEM ANTI-SLIP ONE STEP EPOXY CS-12 .DESCRIPTION AND USES . A sin ... ilver Gray Tile Red Black Navy Gray AS5444 AS5471 AS5482 AS5468 AS5479 AS5486 289378 NA 289376 NA 289377 NA .RECOMMENDED PRIMER . For metal substrates, use 9100 System DTM Epoxy Mastic. .PRODUCT... lang:en score:19 filesize: 165.5 K page_count: 3 document date: 2015-03-05



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AEROSOLS TECHNICAL DATA V2100 SYSTEM ENAMEL AEROSOL RO-01 .DESCRIPTION AND USES . Rust-Oleum V2100 System Enamel aerosols are available in high-gloss, semi-gloss, flat, metallic and fluorescent finishes. They apply easily and dry fast to a tough, attractive corrosionresistant finish featuring s...
lang:en score:17 filesize: 141.59 K page_count: 3 document date: 2017-05-24