

SHARK GEL

TECHNICAL DATA SHEET

A-RUST

A multi-surface gel formulated rust and oxidation cleaner.

PRODUCT DESCRIPTION

Shark Gel is a gel-based rust and oxidation cleaner that can be used on a variety of surfaces, including metal, concrete, and porcelain. It is not meant for use on all porous surfaces as etching may occur on pigmented or tinted ceramics. Its specific formulation makes it easier and safer to handle for product users, and more efficient at cleaning.

Unlike other rust cleaners, Shark Gel contains no hydrochloric acid and is less likely to cause burns and injuries or corrode and etch metal surfaces. Shark Gel's active ingredient is phosphoric acid, which reacts with iron oxide, the main component in rust, to create a soluble compound that can be rinsed away easily with water.

ADVANTAGES

- Fast-acting formula
- No hydrochloric acid
- Can be used on a variety of substrates
- Leaves no residue
- Prepares surfaces faster for topcoats
- Contains no solvents
- Gel formulation stays in place while it works
- Great for vertical surfaces

COMPATIBLE SUBSTRATES

- Concrete
- Cement
- Metal
- Porcelain

USES

- Metal railings
- Industrial metal doors & walls
- Marine trims and tabs
- Concrete exterior walkways & hardscapes

PRODUCT INFORMATION

Available Packaging

1 gal. unit container

Storage Conditions

Store dry at 40-95 °F (4-35 °C)
Store in a cool, well-ventilated area.
Keep container tightly closed.
Keep away from sources of heat, open flame, and other sources of ignition.

TECHNICAL INFORMATION

Type	Liquid gel
Color	Transparent
Odor	None
pH	0.3 ± 0.2
Boiling Point	> 212°F (100°C)
Flash Point	> 199.4°F (93°C)
Density	1.35 ± 0.05 kg/ liter

Solubility	Fully miscible with water
Auto-ignition Temperature	> 500°F (260°C)
Viscosity	80 ± 0.5 cP @ 68°F (20°C)

APPLICATION INFORMATION

Coverage	~350 sq. ft. / gallon
Application Temperature	41-95°F (5-35°C)
Substrate Application Temperature	41-95°F (5-35°C)
Application Conditions	Surface and air temperatures must be at least 41°F (5°C) during application and for 8 hours following and should not exceed 95°F (35°C).

APPLICATION INSTRUCTIONS

EQUIPMENT

The preferred method of application is by paint brush, roller, or microfiber cloth.

NOTE: ALWAYS TEST A SMALL AREA FOR SUBSTRATE COMPATIBILITY BEFORE FULL-SCALE APPLICATION. SHARK GEL MAY ETCH SOME SURFACES AND IS NOT MEANT FOR USE ON CERAMIC. SHARK GEL WILL ALSO PERMANENTLY STAIN WOOD. ANY EXPOSED WOOD SURFACES SHOULD BE COVERED PRIOR TO APPLICATION OF SHARK GEL.

SURFACE PREPARATION

1. Wear protective gloves & gear before applying.
2. Surface must be cleaned from dirt, debris, and any residue.
3. Ensure surface is completely dry prior to application.

DO NOT DILUTE PRODUCT. SHAKE CONTAINER WELL BEFORE USE. IF APPLYING TO A SMALL AREA, LOAD PAINT TRAY AFTER MIXING WELL FOR EASIER APPLICATION BY BRUSH.

APPLICATION INSTRUCTIONS

1. Shake container well before use.
2. Transfer Shark Gel to a smaller container for easier application if working on smaller surfaces. For larger scale applications, pour into a paint tray.
3. Depending on your surface size, use a foam roller or brush to apply Shark Gel to your desired surface.
4. As Shark Gel works, rust and oxidation run-off may occur. Wipe up any excess run-off as it appears using a microfiber cloth to prevent Shark Gel from staining other surfaces.
5. On more stubborn rust and oxidation, allow Shark Gel to sit undisturbed on the treated surface for 2 to 5 minutes.
6. When ready, rinse the surface with water or wipe with a wet sponge or cloth.
7. If persistent rust remains, repeat the process. More stubborn rust and oxidation may require Shark Gel to sit on the treated surface for up to 10 minutes.

SAFETY INFORMATION

Always read the product SDS for safety instructions and precautions before use. Use appropriate safety equipment and job-site controls during handling, application, and storage.

For further information regarding transportation, handling, storage and disposal of chemical products, users should refer to the SDS.

LIMITATIONS

- Minimum ambient and substrate temperature during application is 41°F (5°C); maximum is 95°F (35°C).
- Substrate must be dry prior to application.
- Always test on all substrates to ensure desired results.
- Do not apply Shark Gel to wet, damp, or frosted surfaces.
- The product may etch some porous surfaces. Always test a small area prior to full-scale application and use.

WARRANTY

The information and recommendations provided are based on thorough research conducted by ourselves and others, and we believe them to be accurate. However, we do not guarantee complete accuracy because it is impossible to cover every potential application of our products or anticipate all variations that may occur in substrates, surfaces, job conditions, and application methods. It is the responsibility of purchasers to conduct their own tests to determine the suitability of our products for their specific purposes.

ARMUS LLC provides a warranty that this product is free from defects. However, ARMUS does not make any other express or implied warranties regarding this product, including the implied warranties of merchantability or fitness for a specific purpose, except where permitted by law.

It is the purchaser's responsibility to perform their own tests to determine if this product is suitable for their specific purpose. In all cases, ARMUS's liability is limited to providing enough product to re-treat the specific areas where defective product was applied. By accepting and using this product, ARMUS is released from any other liability, regardless of the source, including liability for consequential or resultant damages arising from breach of warranty, negligence, or strict liability. This warranty cannot be altered or extended by ARMUS representatives, distributors, or dealers.