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Brand: TRANSTAR

Model: 6183

1. PRODUCT OVERVIEW

The TRANSTAR 1K Self-Etch Primer (Model 6183) is a ready-to-use, one-component metal etching primer supplied in a convenient 16 oz. aerosol can. This primer is specifically formulated to provide excellent protection against corrosion on bare metal surfaces, eliminating the need for separate metal conditioning steps. It is highly recommended for direct application to bare metal or as a foundational layer beneath primer surfacers.



Image shows the TRANSTAR 1K Self-Etch Primer, Model 6183 (olive green aerosol can), along with other related TRANSTAR primer products (gray aerosol can and a quart can). The 6183 product is the olive green aerosol can.

2. SAFETY INFORMATION

This product is extremely flammable and contains hazardous materials. Adherence to safety precautions is critical during handling and application.

2.1. General Precautions

- **Ventilation:** Use only in a well-ventilated area. Avoid breathing vapors. If working indoors, ensure adequate exhaust ventilation or use a respirator.
- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection (safety goggles), chemical-resistant gloves, and a respirator approved for organic vapors.
- **Ignition Sources:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- **Skin and Eye Contact:** Avoid contact with skin and eyes. May cause skin and eye irritation.

- **Ingestion:** Do not ingest. Harmful or fatal if swallowed.

2.2. First Aid

- **Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
- **Skin Contact:** Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.
- **Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- **Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

2.3. Proposition 65 Warning

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. SETUP AND PREPARATION

3.1. Surface Preparation

- Ensure the metal surface is clean, dry, and free from grease, oil, rust, and loose particles.
- Sand the surface lightly with appropriate grit sandpaper (e.g., 180-220 grit) to create a mechanical profile for optimal adhesion.
- Wipe the surface with a suitable wax and grease remover, then allow it to flash off completely.

3.2. Environmental Conditions

- Apply in a well-ventilated area with ambient temperatures between 65°F (18°C) and 85°F (29°C).
- Avoid application in direct sunlight or extremely humid conditions.

3.3. Product Preparation

- Shake the aerosol can vigorously for at least one minute after the mixing ball begins to rattle. Continue shaking periodically during application.

4. OPERATING INSTRUCTIONS (APPLICATION)

4.1. Test Spray

- Before applying to the actual surface, perform a test spray on a piece of scrap material to ensure proper spray pattern and flow.

4.2. Application Technique

- Hold the can approximately 8-10 inches (20-25 cm) from the surface.
- Apply in light, even coats using a steady, sweeping motion. Avoid heavy coats to prevent runs and ensure proper etching.
- Apply 1-2 light coats for optimal results.

4.3. Flash Time

- Allow 5-10 minutes flash time between coats, or until the surface appears dull.
- Allow 15-20 minutes dry time before applying subsequent primer surfacers or topcoats.

5. MAINTENANCE AND STORAGE

5.1. Nozzle Cleaning

- After each use, invert the can and spray for a few seconds until only clear propellant comes out. This prevents the nozzle from clogging.
- Wipe the nozzle clean with a rag.

5.2. Storage

- Store the aerosol can in a cool, dry, well-ventilated area, away from direct sunlight, heat sources, open flames, and incompatible materials.
- Do not store above 120°F (49°C).
- Keep out of reach of children and pets.

5.3. Disposal

- Dispose of contents and container in accordance with local, regional, national, and international regulations. Do not puncture or incinerate aerosol cans, even when empty.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven Spray Pattern	Clogged nozzle; insufficient shaking; can too close/far from surface.	Clean nozzle; shake can vigorously; adjust spray distance.
Poor Adhesion	Improper surface preparation (grease, rust); insufficient sanding.	Thoroughly clean and sand surface before application.
Slow Drying / Runs	Too heavy coats; low temperature/high humidity.	Apply lighter coats; ensure proper environmental conditions.
No Spray	Clogged nozzle; empty can.	Clean nozzle; replace can if empty.

7. SPECIFICATIONS

Attribute	Detail
Brand	TRANSTAR
Model Name	6183
Item Form	Aerosol
Size / Item Volume	16 Ounce / 16 Fluid Ounces
Paint Type	Acrylic
Finish Type	Matte
Coverage	6-8 sq ft / 16 oz
Specific Uses For Product	Metal
Surface Recommendation	Metal
Indoor/Outdoor Usage	Outdoor, Indoor
Water Resistance Level	Water Resistant
Item Weight	1.33 pounds
UPC	845505000632

8. WARRANTY AND SUPPORT

Specific warranty details for the TRANSTAR 1K Self-Etch Primer (Model 6183) are not provided in the available product information. For warranty claims, technical support, or further product inquiries, please contact TRANSTAR directly through their official website or customer service channels.

It is advisable to retain your purchase receipt as proof of purchase.