



TECHNICAL DATA

UNI-01

UNIVERSAL® HAMMERED SPRAYS

DESCRIPTION AND USES

Universal® Hammered Sprays are versatile all-surface paints that provide a durable protective coating with excellent resistance to rust, and excellent resistance to abrasion, fading, chipping, and dulling. Universal Hammered Sprays are suitable for use on metal, wood, plastic, wicker and aluminum. These sprays apply easily, provide excellent coverage and dry fast to a tough attractive finish. Universal features a comfort grip trigger that reduces fatigue caused by continuous spraying and an any-angle tip which allows you to spray at any angle. Some plastics made of polyethylene such as Little Tikes® children's products are manufactured in such a way that may hinder maximum paint adhesion. Test paint in an inconspicuous area first. Not for use on galvanized metal.

PRODUCTS

SKU	Description
245217	Black
245218	Brown
245219	Silver
247567	Copper
258199	Dark Bronze
261416	Rosemary
267298	White

PAINTING CONDITIONS

Use outdoors or in a well ventilated area such as an open garage. Use when temperature is between 50-90°F (10-32°C) and humidity is below 65% to ensure proper drying. Do not use on objects that may exceed 200°F (93°C) surface temperature. Do not apply to galvanized steel. Avoid spraying in very windy and dusty conditions. Cover surrounding area to protect from spray mist.

PRODUCT APPLICATION

SURFACE PREPARATION

Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with a commercial detergent, or other suitable cleaning method. Rinse with fresh water and allow to thoroughly dry. Remove loose paint and rust with a wire brush or sandpaper. Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-Approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

APPLICATION

Shake can vigorously for one minute after the mixing ball begins to rattle. If mixing ball fails to rattle DO NOT STRIKE CAN. Contact Rust-Oleum. Shake often during use. Prior to use, slide off the red safety clip from the trigger. Hold can upright 8-12" from surface and spray in a steady back-and-forth motion, slightly overlapping each stroke. Keep the can the same distance from the surface. Keep the can in motion while spraying. Apply two or more light coats a few minutes apart. For best results, apply several light coats versus one heavy coat. Do not use near open flame.

DRY & RECOAT

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures. Dries to touch in 30 minutes, to handle in 1 hour, and is fully dry in 24 hours. Recoat within 1 hour or after 48 hours.

CLEAN-UP

When finished spraying, wipe off tip before storing. Clean up wet paint with xylene or mineral spirits. Properly discard empty container. Do not burn or place in home trash compactor.

CLOGGING

If the valve clogs, twist and pull off spray tip and rinse in a solvent such as mineral spirits. Do not insert any object into can valve opening.



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PHYSICAL PROPERTIES

Resin Type	Modified Alkyd	
Pigment Type	Varies with Color	
MIR	1.9 Max	
Fill Weight	12 ounces	
Solvents	Acetone, Ketone blend	
Recommended Dry Film Thickness (DFT) per Coat	1.0-2.0 mils (25-50μ)	
Practical Coverage at Recommended DFT (assumes 15% material loss)	10-15 sq. ft./can (0.9- 1.4 m ² /can)	
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	30 minutes
	Handle	1 hour
	Recoat	Within 1 hour or after 48 hours
Dry Heat Resistance	200°F (94°C)	
Shelf Life	5 years	
Flash Point	-156°F (-104°C)	
Safety Information	For additional information, see MSDS.	

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