ISO 9001 Registered Quality System,
Burlington, Ontario, Canada QMI File # 004008

Clear Anodized Touch Up Paint XS0876 Technical Data Sheet

XS0876-aerosol

Description

Our touch up spray is a fast drying acrylic lacquer that gives a durable finish. This paint offers an excellent adhesion and endures extreme temperature cycles without cracking.

Code: K00000; K20794

Approximate clear-anodized color

Applications & Usages

The clear anodized paint is ideal for touching up scratches on powder aluminum, screw heads, cut ends, and more. Use it on primed wooden surfaces; aluminum sidings, doors, and fences; steel fences, balcony railings, farm equipment, and boxes; vinyl siding, windows, and skylights; and various materials and enclosures. It is suitable for indoor and outdoor uses.

Benefits

- **Fast cure**—tack free in about 8 min
- **Excellent durable finish**—smooth, homogeneous, and durable clear coat
- **Moderate Volatile Organic Content**—VOC of only 41% (wt/wt) [349 g/L]
- **Easy rework**—removable with Cat. No. 435 thinner

Curing & Work Schedule*

Properties	*Value*
Tack Free (aerosol) Recoat Time (aerosol)	8 minutes 2 minutes
Full Cure (at room temp.) Full Cure (at 65 °C [149 °F])	24 hours 30 minutes

*Depends on number of coats and humidity. It should be odorless at full cure.

Service Ranges

Properties	*Value*
Service Temperature	-65 to +125 °C [-85 to +257 °F]
Max coverage** for 25 μm [1 mil]	<14 200 cm^2 [<15.3 ft^2]

**Estimated based on ideal values. Actual value will be somewhat less than quoted.

Properties of Cured XS0876

Physical Properties	*Method*	*Value*
Color	Visual Code	Clear anodized K00000; K20794

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Properties of Uncured XS0876

Physical Property	*Value*
Odor	Hydrocarbon, Paint-like
Density Flash Point	0.85 g/ml -24 °C [-11 °F]
Vapor Pressure Solids Content (w/w)	48 PSI 16%

Packaging and Supporting Products

Product Availability

- Cat. No. XS0876-4L (1 gal) liquid
- Cat. No. XS0876-340G (12 oz) aerosol can 340g

Thinners & Coating Removers

- Cat. No. 435-55ML (2 oz), 435-1L (33 oz), 435-4L (1 gal) Thinner

Health, Safety, and Environmental Awareness

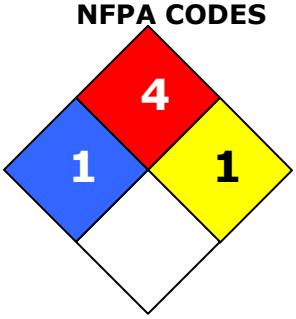
Please see the XS0876 **Material Safety Data Sheet** (MSDS) for more details on transportation, storage, handling and other security guidelines.

Environmental Impact: It is free from ozone depletion compounds. It has a moderate volatile organic content of 41.0% (w/w) [or 349 g/L].

HMIS RATING

HEALTH:	**1**
FLAMMABILITY:	**4**
PHYSICAL HAZARD:	**1**
PERSONAL PROTECTION:	**B**

NFPA CODES



Health and Safety: While the propellant is non-flammable, the aerosol is flammable due to the solvents used. The spray stream should be kept away from flames and other ignition sources. As with most paint materials, avoid breathing in fumes or direct contact with the material. Solvents therein can cause irritation and other symptoms like headaches, pain, as well as having long term exposure effects.

Wear safety glasses and disposable gloves. Wash hands thoroughly after use. Use in the open air, in fume hoods, or in well ventilated area. For short or long term (8 hours) at levels of exposures exceeding 50 ppm toluene or 750 ppm acetone, use NIOSH approved respirator with organic vapor cartridges rated for this order of concentrations.

The cured coating presents no known hazard.

Compatibility

Acrylic paints adhere to most non-glazed surfaces. They bond to wood, canvas, and many metals including aluminum and galvanized steel. Because they are alkali resistant, acrylic paints can be applied to fresh masonry, stucco, fibrous cement, and plaster. The MG touch up paints are suitable for many baked and UV cured finishes.

Please perform surface compatibility test if you are covering other types of paint finishes or surface of unusual or unknown types. The use of primers is highly encouraged where the raw surface is exposed.

The cured finish offers good resistance to detergents, water, alcohols, abrasion, and heat.

Aerosol Application Instructions

For best results, the following environmental conditions should exist

- Ensure that the surface area is clean and dry.
- Optimum at room temperature; allowed application range 10 to 32 °C [50 to 90 °F]
- Humidity 40% to 50%

ATTENTION! Water and traces of grease, oils, moisture, dust, and other foreign substances can easily lead to coating defects. Use proper organic cleaning solvents to prevent defects.

ATTENTION! Extreme temperature and/or humidity can cause blushing or other defects. Note that the cure time can change as a function of temperature, humidity, air flow, and other environmental factors.

To apply the required thickness by weight

1. Shake the can vigorously (mix thoroughly), and spray a test pattern.
   This step ensures good flow quality and helps establish appropriate distance to avoid runs.
2. At a distance of 20 to 25 cm (8 to 10 inches), spray an even coat onto the surface. For best results, use spray-and-release strokes with an even motion to avoid local paint excess.
3. Wait at least 2 minutes, and spray another coat.
4. Apply other coats until desired thickness is achieved. (Go to Step 3)
5. Let dry for 8 minutes (flash off time) at room temperature.

The procedure above is based on a recommended coat thickness of 18 to 25 μm (0.0007” to 0.001”).

To clear the nozzle between uses or after you are done

- Invert the aerosol can upside down.
- Press button until clear propellant comes out. This helps prevent residue from blocking the nozzle valve open. Leaks due to dirty valves are difficult to detect and can lead to big messes.

To cure the touch up paint

At room temperature, the coat dries to the touch in 8 minutes. And full cure takes about 24 hours. Full cure can be achieved in less time at higher temperatures.

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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Disclaimer

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