



TECHNICAL DATA

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SA 200 LOW VOC EPOXY PRIMER

Product Description

A high solids, two component, epoxy primer formulated to be used with UU 96 to provide excellent long term adhesion for Irathane coatings and linings. Easily applied with standard airless spray equipment and by brush or roller. Provides outstanding bond strengths and excellent corrosion resistance in a variety of harsh environments.

Features

- Low VOC
- Fast Drying
- Long Pot Life
- Good Wet Adhesion
- Long Recoat Window

Recommended Uses

As a primer for properly prepared steel and other recommended surfaces and as an inter-coat primer to bond various topcoats to fast-set, standard-set and/or aged polyurethane and polyurea elastomers.

Typical Properties

Solids by Volume	65% ± 2
Volatile Organic Compounds	2.8 lb/gal (340 g/l)
Theoretical Coverage	1040 ft ² @ 1 mil
Recommend DFT	2 – 4 mils
Number of Coats	1
Mix Ratio (by volume)	1 "A" : 1 "B"
Shelf Life @ 60-90°F (16-32°C)	Part A 24 months Part B 24 months

Ordering Information

Packaging:	2 gal Kits
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APPLICATION INFORMATION

SA 200

Surface Preparation

Remove all oil, grease or other contaminants from the surface to be coated in accordance with SSPC-SP 1.

Steel: Abrasive blast to White Metal in accordance with SSPC-SP 5 and obtain a 2-4 mil angular anchor pattern.

Other: Contact ITW Futura Coatings for specific recommendations.

Note: For surfaces that have been handling sea water or other salt solutions a test for chloride contamination should be performed prior to application. If chlorides are present at 40 ppm or greater the substrate shall be re-cleaned until the chlorides are less than 40 ppm.

Mixing

Power mix each component separately, then combine at a ratio of 1 "A" to 1 "B" by volume and power mix to a smooth consistency.

Thinning

DO NOT THIN

Pot Life

Material Temperature	Time
75°F (24°C)	4 hours

Application Conditions

	Normal	Minimum	Maximum
Material	75-90°F (24-32°C)	65°F (18°C)	100°F (38°C)
Surface	75-90°F (24-32°C)	45°F (7°C)	110°F (43°C)
Ambient	75-90°F (24-32°C)	45°F (7°C)	110°F (43°C)
Humidity	30-50%	0%	85%

Surface temperature must be 5°F (3°C) above the dew point.

Clean Up

Use MEK or a 1:1 blend of MEK and Toluene.

Application Equipment

Airless:

Pump Ratio	30:1 min	Tip Size	.018 - .021"
Material Hose	3/8" ID min 100' max	Tip Pressure psi	2500 - 2800

Roller / Roller: Acceptable

Cure Time

These times are based on a 30-50% RH. Excessive film thickness, cooler temperatures or inadequate ventilation will require longer cure times and could result in premature failure.

Surface Temperature

Recoat (min)	4 hours
Recoat (max)	48 hours

- If recoat window is surpassed, an additional coat of SA 200 should be applied prior to topcoating with UU 96, this recoat can be done up to 7 days following the initial application of SA 200. Should the recoat window surpass the 7 days, the primed surfaces will require "Brush Blasting" or sanding prior to recoating with SA 200. All surfaces must remain clean and dry between coats.
- If the material has exceeded its maximum recoat time or full cure time contact ITW Futura Coatings for recommended recoating procedures.

Safety Information

- Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information.
- Do not apply material in enclosed areas without adequate air exchange and ventilation.
- All application personnel must use respirators rated for organic vapors, or in confined spaces wear fresh air respirators or fresh air hoods.
- Wear protective clothing, gloves and eye protection.
- Breathing fumes or contact with the skin may cause severe allergic reactions.
- This product contains flammable solvents! Keep away from all sparks, flames and hot surfaces.
- This product is intended for industrial use by properly trained professional applicators only.**

Storage Conditions

- Coatings need to be protected from moisture contamination. Store drums and pails in a dry location at 55-80°F (11-27°C).
- Materials must be kept above 50°F (10°C).

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