

Alodine®



Henkel – Your worldwide partner

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Approvals

MIL-DTL-81706B, Type 1, Class 1A & 3, Form VI, Method D
Boeing
Boeing (McDonnell Douglas)
Bombardier
Cessna
Dassault Aviation
Honeywell

Alodine® 1132™ Touch-N-Prep® Coating



Henkel Corporation

For additional information:

866.332.7024

visit www.henkelna.com/aerospace

Alodine® 1132™ Touch-N-Prep® No-Rinse Conversion Coating

Chemical Specialties	Application			Henkel Product Number Case	Characteristics			Substrate	Operation		Description		
	Metal Processing Lines Aircraft Depaint & Repaint Coolants				Consistency	Form	How to Apply		Mix Ratio (product:water)	Chemistry		Aluminum	Temperature
Alodine® 1132™ Touch-N-Prep® Coating	•	•	•	592939	Liquid	Ready-to-Use	Pen	Use as Received	Chromate	•	Ambient	Until Dry	Alodine® 1132™ Touch-N-Prep® Coating is a felt-tipped pen that provides a chromate conversion coating on aluminum surfaces prior to painting. Meets MIL-DTL-81706B, Class 1A & 3, Form VI, Method D. Ideal for coating repair work.
Alodine® Touch-N-Prep® Replacement Tips				598819	n/a	n/a	n/a	n/a	n/a		n/a	n/a	A felt replacement tip for use with the Alodine® Touch-N-Prep® coating applicator.



Touch-N-Prep® Coatings Pen

Henkel developed Alodine® 1132™ coating with the convenient Touch-N-Prep® applicator pen to provide a clean, easy-to-use method of repairing conversion coatings on aircraft and aircraft part surfaces.

The unique Alodine® 1132™ Touch-N-Prep® no-rinse conversion coating effectively repairs bare aluminum substrates to prevent corrosion. It does not require rinsing, and can be air-dried or force-dried with hot air.

The high-density acrylic tip of the Touch-N-Prep® pen can be modified with a single-edge razor blade to form any shape. The design of the Touch-N-Prep® pen allows repair of hard-to-reach places or the underside of aircraft. This new application method controls the amount of coating applied to the surface. Use Alodine® 1132™ Touch-N-Prep® sparingly – a little goes a long way. This optimized application method greatly reduces the amount of chemical used and generates no secondary waste associated with other repair methods.

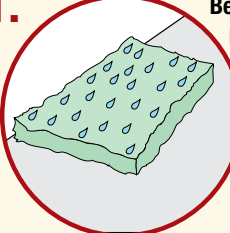
Touch-N-Prep® coatings represent a dramatic environmental improvement over current methods of chemical coatings touch up. The easy-to-use, dry-in-place coating is a cost-effective and safe method of touch-up repairs of aircraft and aircraft part surfaces.

Product Features and Benefits

- Easy to use, cost effective touch-up and repair applicator
- Designed to save labor, material, and time with easy to use applicator
- Non-rinsing, dry-in-place technology
- Excellent paint adhesion and painted corrosion resistance
- Contains sufficient solution to treat up to 50 sq ft (4.6 sq m)
- NSN Number: 8030-01-460-0246

Pen Instructions

Touch-N-Prep® pens are designed for easy and safe repair of clean, bare, or previously painted aluminum surfaces. It is a non-rinse, dry-in-place application that can be applied using the following steps:

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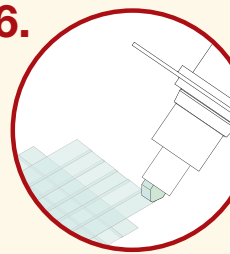
1. Before applying the coating, the treated surface must be cleaned using the following process:

 - Use a moistened abrasive pad to remove oxides from the surface of the metal.
 - Wipe substrate with a damp lint-free cloth to ensure complete removal of soils and dislodged oxides generated from the previous step.
 - Allow surface to dry before Touch-N-Prep® application.
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2. To activate, hold the Touch-N-Prep® pen upright, pop off the cap and hold the pen tip down onto a clean surface to begin the flow of solution to the tip. Do not twist or turn to remove the cap, since this may result in the pen leaking.
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3. Press the pen tip down on the surface until solution fills the pen tip. Apply the Alodine® 1132™ solution to the metal surface with firm, smooth, even strokes, covering all edges. Overlap each stroke and allow to dry.
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4. Within 5 minutes of the first coat, apply a second coat at a 90° angle to the first coat with the same smooth, firm stroke.
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5. Allow the Alodine® Touch-N-Prep® coating to air dry thoroughly.
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6. Frequent short jabs to rewet the application tip are preferred to maintain constant coating weights and avoid over-wetting the felt tip.
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7. Always immediately replace the cap when not in use to avoid evaporation and contamination.

