

## Description

Adhesion promoter for the preparation of difficult-to-bond plastics. ADINOX® 770 is used with ADINOX C Series adhesives to promote adhesion on polyolefins and other low surface energy surfaces. It is only recommended for difficult-to-bond surfaces such as polyethylene, polypropylene, polytetrafluoroethylene (PTFE) and thermoplastic rubber materials. Not recommended for applications requiring high peel strength.

## Physical Properties

Property	Value
Appearance	Clear liquid, light amber
Viscosity @ 77 °F	2 cP
Specific gravity	0.79
Flash point (TCC)	25 °F
Shelf life (unopened)	12 months @ 68 °F

## Performance

Property	Value
Drying time @ 68 °F	30 sec
Fixture time (primed substrates)	<5 sec
On-part life	6 h
Full cure	24 h @ 71 °F

## Directions for Use

- Apply an even coat of ADINOX® 770 on the surface to be treated by spraying, brushing or dipping. A single coat is recommended (multiple coats may reduce adhesion).
- Allow approximately 3 minutes drying time before applying adhesive.
- Apply ADINOX C Series adhesive to the primed surface. Bonding operations should be completed immediately after adhesive application.
- If both surfaces are polyolefin, apply primer to both. If only one surface is polyolefin, apply primer only to the polyolefin surface.
- If more than 6 hours have elapsed since primer application, reapply before proceeding with bonding.

## Storage and Shelf Life

Parameter	Value
Optimum temperature	46 – 71 °F
Maximum temperature	82 °F
Shelf life (unopened)	12 months @ 68 °F

Store in original container, closed, in a cool, dry place. Protect from direct sunlight, heat, moisture and UV radiation. Do not return surplus product to original container.

## Standard Presentations

Content
50 ml
500 ml

## Clean Up

Condition	Method
Uncured (immediate)	Wipe with cloth dampened with heptane or hydrocarbon solvent.
Cured	Mechanical removal or suitable solvent.

## UV Detection

The presence of ADINOX® 770 can be verified using a UV inspection lamp (365 nm).

## Precautions

- Highly flammable liquid and vapor. Keep away from heat, sparks and open flames.
- May cause drowsiness or dizziness. Use in well-ventilated areas.
- May be fatal if swallowed and enters airways. Do not ingest.
- Very toxic to aquatic life. Avoid release to the environment.
- Do not use with pure oxygen or strong oxidizers.
- Refer to the Safety Data Sheet (SDS) for complete hazard information.

## Pre-Testing Recommendation

The end user is solely responsible for verifying the performance of ADINOX® 770 under actual production conditions before commercial use. Compatibility testing with the specific ADINOX C Series adhesive and substrates is recommended before line implementation.

### **Legal Information and Disclaimer**

#### **Limitation of Warranty**

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