



product
information

W-1000
METAL & GLASS ADHESION PROMOTER

Cardinal's W-1000 was formulated to improve adhesion to ferrous, non-ferrous and ceramic substrates. W-1000 is a zero VOC one component solution used to improve adhesion when applying industrial coatings to metal and glass. W-1000 is not flammable nor does it contain any chlorinated solvents.

TYPICAL USES:

- Stainless steel
- Ferrous and non ferrous substrates
- Glass/ceramic

BENEFITS:

- Fast dry
- Zero VOC content
- Easy to apply
- RoHS / WEEE Compliant

Safety: Use with adequate ventilation - do not breath vapors or spray mists. If component TLVs are exceeded, a NIOSH approved air supplied respirator is advised. See MSDS for TLV information. Allergic reactions are possible. Avoid use by persons with respiratory problems. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

FIRST AID:

Eye contact, flush immediately with plenty of water for at least 15 min. and get medical attention.

Skin contact,: wash thoroughly with soap and water for 5 minutes. *If swallowed,* do not induce vomiting and get medical attention immediately.

Inhalation, remove to fresh air.

DISCLAIMER:

It is recommended that prior to running full scale production a verification of adhesion of all the applied should be done.

RELATED PRODUCTS:

PRODUCT NO.	DESCRIPTION / FUNCTION
6S00	Acrylic Urethane colored topcoats

TYPE: Aqueous Adhesion Promoter

COMPONENTS: One

COVERAGE: 1604 sq ft per gallon at DFT 1.0 mil. @ 100% TE

VOC CONTENT: (AS SUPPLIED)

0 GRAMS/LITER (0.00 LBS/GAL)

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ACTIVE INGREDIENT CONTENT: 0.92% by weight

FLASH POINT: 212°F TCC

SHELF LIFE: 6 months from date of manufacture.

APPLICATION:

Pour sufficient amount of solution onto rag and wipe surface clean or spray. Surface dries within minutes under normal conditions. Residue left behind is compatible with most waterborne and solventborne coatings. If necessary, a quick, light wipe with a dry clean cloth should pick up any residues.

Roll coating can be possible with the use of rubber roller.

RECOMMENDED FILM THICKNESS: 0.5 – 1.0 milsw

DRY TIME:

	<u>Air Dry</u>
Surface dry	3-5 min.
Topcoat	5 min.

Adhesion promoter needs to be heated to 140F-170F after topcoat applied for 10-15 minutes to ensure maximum adhesion.

CLEAN-UP: Clean up should be done as soon as possible. Air quality regulations may limit allowable emissions from cleaning operations.

PRODUCT LIMITATIONS:

- For industrial use only.

**FOR INDUSTRIAL USE ONLY
NOT FOR RESIDENTIAL USE**

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