Cardinal’s W-500-A was formulated to replace wiping solvents such as 1,1,1,-trichloroethane. W-500-A contains small amounts of low-toxicity solvents designed especially to cut grease and oil in preparation to applying industrial coatings. W-500-A is not flammable nor does it contain any chlorinated solvents. Clean up and rag storage is simple.

**TYPICAL USES:**
- Galvanized steel
- Aluminum substrates
- Ferrous ad non-ferrous substrates

**BENEFITS:**
- Fast dry
- Low VOC content
- Easy to apply
- RoHS / WEEE Compliant

**Safety:** Contains organic solvents. 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:**

<table>
<thead>
<tr>
<th>PRODUCT NO.</th>
<th>DESCRIPTION / FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4860-52/4702</td>
<td>Acid etching Pretreatment Primer.</td>
</tr>
</tbody>
</table>

**PRODUCT LIMITATIONS:**
- For industrial use only.

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

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**TYPE:** Aqueous Cleaner

**COMPONENTS:** One

**COVERAGE:**
- 45 sq ft per gallon at DFT 1.0 mil. @ 100% TE
- Mixed: 1:2 with water: 15 sq ft per gallon at DFT 1.0 mil. @ 100% TE

**VOC CONTENT:** (AS SUPPLIED)
- 847 GRAMS/LITER (7.05 LBS/GAL)
- 195 GRAMS/LITER (1.62 LBS/GAL)

**VOC VAPOR PRESSURE:** 0.02 mmHg 20°C

**ACTIVE INGREDIENT CONTENT:** 1.2% by weight

**FLASH POINT:** 212°F TCC

**SHELF LIFE:** 6 months from date of manufacture.

**APPLICATION:**
For normal cleaning: Mix one (1) part W-500-A with two (2) part water. Pour sufficient amount of solution onto rag and wipe surface clean. 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. Extra tough oils or washer marks may be removed by using W-500-A concentrate strength.

**RECOMMENDED FILM THICKNESS:** 0.1 – 0.2 milsw

**DRY TIME:**
- Surface dry: Air Dry 15 min.
- Topcoat: 30 min.

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

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