PRODUCT DATA SHEET

SanySurface AC
Primer Acid Etchant

GENERAL TYPE:
A Modified Phosphoric Acid Etchant.

DESCRIPTION:
SanySurface AC is a fast acting, mild, non-corrosive acid compound designed to acid etch nonferrous surfaces. When used as a pre-treatment for ferrous surfaces, SanySurface AC converts light, tightly adhered rust to a black, tightly adhering iron-zinc-phosphate complex which serves as a base for topcoats.

RECOMMENDED USES:
SanySurface AC is an acid etchant for the preparation of aluminum and galvanizing for topcoating. To be used where SanyBond-WP100 is not recommended due to high temperature considerations. Can also be used as a pre-treatment for lightly corroded steel structures which cannot be sandblasted prior to painting.

NOT RECOMMENDED FOR:
Use in conjunction with any Zinc Primer, Organic or Inorganic, or Immersion Service. Note: Do not use on heavily rusted surfaces.

SUBSTRATES:
Apply over lightly rusted steel, Aluminum, Galvanizing or other as recommended.

SURFACE PREPARATION:
Remove any oil or grease from surface to be treated with clean rags soaked in SolvenSany # 252 in accordance with SSPC-SP-1-82. Remove loose rust or scale if present.

Mixing instructions:
May be thinned with water for very mild etching of aluminum or galvanizing, or very light rust. Normally used without thinning.

APPLICATION CONDITIONS

<table>
<thead>
<tr>
<th>Material</th>
<th>Surfaces</th>
<th>Ambient</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>4 – 3 8 °C</td>
<td>4 – 6 0 °C</td>
<td>4 – 3 8 °C</td>
</tr>
<tr>
<td>Minimum</td>
<td>2 °C</td>
<td>2 °C</td>
<td>2 °C</td>
</tr>
<tr>
<td>Maximum</td>
<td>6 8 °C</td>
<td>6 6 °C</td>
<td>4 9 °C</td>
</tr>
</tbody>
</table>

Do not apply to damp or wet surfaces as water reduces the etching process.

SPRAY:
Use low pressure Hudson type garden sprayer with hand pressure pump only. Do not use high pressure equipment.

BRUSH OR ROLLER:
Use a medium bristle brush or short nap roller.

NOTE:
Use protective clothing and safety equipment to prevent contact with skin and eyes.

CLEAN UP
Use water to clean up.

SPECIFICATION DATA

- Theoretical Coverage Rate per Gallon: *
  - 39.1 sq. m / Lit. at 25 microns
  - 9.8 sq. m / Lit. at 100 microns

* Mixing and application losses will vary and must be taken into consideration when estimating job requirements.

- Recommended Wet Film Thickness per Coat:
  - 4.0 mils (100 microns)

Remember that SanySurface AC is non film forming

- Flash Point:
  None – Water based

- Chemical Resistance:
  Refer to topcoat used.

- Temperature Resistance:
  Refer to topcoat used.

- Color Standard in:
  Clear Only

- Shelf Life:
  12 months when stored at 24 °C.

- Storage Conditions:
  Store indoors.
  Temp.: 2 - 66 °C
  Humidity: 0 - 100%

TOPOCOAT REQUIRED:
SanySurface AC can normally be topcoated with most organic coatings. Recommendations include most SanyChem low to medium film build coatings with exception of Zinc-Rich products. SanySurface AC must be topcoated within three to four days of application.

COMPATIBILITY WITH OTHER COATINGS:
SanySurface AC can be applied directly to substrate. Will not damage acid resistant coatings if rinsed off promptly.

DRYING TIMES:
SanySurface AC must be rinsed until neutralized with fresh water after 30 minutes and painted as soon as possible after the water evaporates. On some alloys, SanySurface AC form a white powder which must be removed before painting proceeds. The surface should be coated within 24 hours, or sooner if there is possible contamination.

Contact
For information and Prices, Please Call a SANYCHEM Local Sales Representative.

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