**TriKote W™**

*Product Finishing, Water Based Topcoat*

**Specifications**

**DESCRIPTION:**
TriKote W is a fast air dry, water based, high gloss coating designed for spray applications. This topcoat exhibits very good adhesion to properly prepared ferrous metals. TriKote W provides a hard scratch resistant finish that has moderate gloss and color retention on exterior exposure.

**USE:**
TriKote W is primarily used by job shops and metal part manufacturers when a cost effective coating is required. This product is an excellent choice for steel shelving, trash containers, gas cylinders, and other miscellaneous metal parts.

**ADVANTAGES:**
- Very high gloss
- Extremely smooth surface
- Direct to metal adhesion (ferrous substrates)
- Fast dry
- Cost effective
- Eliminates solvent disposal

**LIMITATIONS:**
- Formulated for spray application
- Not recommended for submersion below grade, or direct chemical contact service
- Requires corrosion resistant primer for long term salt spray resistance
- Surface temperature must be below 90°F and above 40°F for proper application
- Six month shelf life

**Properties**

**VOC:** [as packaged] .................. 250 g/l – (2.1 lbs/gal)
**FLASH POINT:** [seta flash] .................. >200° F

**APPEARANCE:**
- Gloss (G) @ 6° ................................. 80-90
- By Weight ........................................ 40 ± 10%
- By Volume ........................................ 35 ± 10%

**WEIGHT PER GALLON:** [average] ............. 9.3 lbs

**PACKAGE VISCOSITY:** [#3 Zahn] ............. 25-30 sec

**SOLIDS:** [average]
- By Weight ........................................ 40 ± 10%
- By Volume ........................................ 35 ± 10%

**COVERAGE:**
Theoretical at 1.5 mils DFT .................. 375 sq ft/gal
Required Minimum DFT ................. 1.5 mils

**DRY SCHEDULE:** [at 50% RH and 1.5 mils DFT]

<table>
<thead>
<tr>
<th>Temp (°F)</th>
<th>Dry to Touch</th>
<th>Handle/Recoat</th>
<th>Full Cure</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>2 hrs</td>
<td>5 hrs</td>
<td>7 days</td>
</tr>
<tr>
<td>60</td>
<td>1 hrs</td>
<td>2 hrs</td>
<td>7 days</td>
</tr>
<tr>
<td>75</td>
<td>30 mins</td>
<td>1 hrs</td>
<td>7 days</td>
</tr>
<tr>
<td>90</td>
<td>15 mins</td>
<td>45 mins</td>
<td>5 days</td>
</tr>
</tbody>
</table>

After 1 week, light sanding may be necessary if cured coating is subject to exterior exposure for extended periods.

**COLOR AVAILABILITY:**
TriKote W is available in factory stock colors. Triangle stocks safety and traditional implement colors. Many colors may be tinted, however, special costing will be applied.

**ORDER CODE:**
Individual products are identified by the product series number, followed by a gloss identifier and color number. Ex: 30G632 is TriKote W, Gloss, Med. Gray ANSI 61
- G = gloss
- S = semi-gloss
- M = matte
- F = flat

**PACKAGING:**
- Four 1 gallon cans per case
- 5 gallon pails
- 55 gallon drums
- 250 gallon totes
**Application Data**

**SURFACE PREPARATION:**
- Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, and other foreign matter that could interfere with adhesion.
- Recommended surface preparation includes iron phosphate, zinc phosphate, and surface blasting that removes all mill scale.
- Wood and galvanized metal must be primed.
- Applied material must be protected from all forms of moisture until recoat dry time is met.
- Both surface temperature and ambient temperatures must be above 50° F and remain above 50° F for four hours after application.

**RECOMMENDED PRIMERS:**
- 964P ShopCoat W
- 965P TriPrime W
- 966P TriBond W

Consult your Triangle Coatings representative for solvent based primer recommendations.

**APPLICATION:**
Apply TriKote W using HVLP, air-assisted airless, or airless.

**HVLP:**
- Fluid Tip and Needle: .030 - .045” stainless steel
- Fluid Pressure: ........................ 10 - 15 psi
- Pressure pot application is recommended (stainless or aluminum)

**Air Assist Airless:**
- Fluid Tip:.................................013 - .015”
- Fluid pressure: ...................... 800 - 1,200 psi
- Air Cap Pressure:..................... 10 psi

**Airless:**
- Fluid Tip:.................................013 - .015”
- Fluid Pressure: ....................... 2,000 - 2,500 psi

**THINNING:** ............................................................none

**CLEANUP:** ..............................................................water
Clean wet tools with water.

**Health & Safety**

**WARNING:**
COMBUSTIBLE LIQUID AND VAPOR. May be harmful if swallowed or inhaled. Vapor may affect the brain or nervous system causing dizziness, headache or nausea and can cause nose and throat irritation. Liquid contact with eye and skin causes irritation. Keep away from sparks, heat or open flames. Use with adequate ventilation. Avoid breathing of vapor. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after using and before eating and smoking. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor levels are below applicable limits. Follow respirator manufacturer’s directions for use. Keep container closed when not in use. If spillage occurs, absorb and dispose of according to local regulations.

**NOTICE:**
Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonges occupational overexposure to solvents with permanent brain and nervous system damage.

**FIRST AID:**
Should eye contact occur, flush with plenty of water for at least 15 minutes and get medical attention if vision is disturbed. For skin, wash thoroughly with soap and water. If swallowed, seek medical attention immediately. DO NOT induced vomiting.

THIS PRODUCT IS FOR PROFESSIONAL USE ONLY.

KEEP THIS PRODUCT OUT OF THE REACH OF CHILDREN.

**Shipping & Handling**

**SHIPPING DESCRIPTION:** [CFR 49]
Ground, Air, Vessel ...... Non Regulated Material
- Required Label & Marking ........ Not Required
- IMDG PACKAGING: .......................Not Regulated
- IMDG STOWAGE: ........................Not Regulated
- UNIFORM FIRE CODE: [CFR 29] ...... CLASS III-B
- STORAGE TEMPERATURE: .............. 120° F max
- SHELF LIFE: [warranted] .....................6 MONTHS
- HMIS RATINGS: .................... H - 1; F - 1; R - 0; PP - H