



# CARBIT

# 945

 CARBICOTE CRYSTAL  
CLEAR WATER BASE  
STRIPPABLE COATING

927 W. Blackhawk St. Chicago, IL 60642 (312)280-2300 tel (312)280-7326 fax www.carbit.com

- DESCRIPTION** Water based strippable booth coating.
- USE** 945 Carbicote Crystal Clear Water Base Strippable Coating protects spray booth surfaces from the overspray of paints and coatings applied within the spray booth. 945 forms a continuous film membrane, similar to a plastic sheet, which acts as a barrier between the wet paint overspray and the clean metal spray booth surface. It is a temporary coating designed to be stripped during booth maintenance, then additional material reapplied. 945 is non-flammable and non-toxic. This product contains higher solids than competitive solvent-based booth coatings. It can be stored in the spray booth area, since it presents no fire hazard in storage. 945 applies easily by spray, and has no odor. 945's clear color allows light to pass through it, unaffected in color temperature or color rendition. It is recommended for both lights and windows.
- APPLICATION** Use batch mixing pouring from one full container into an empty container of equal volume. Do not agitate during application. Vigorous agitation will cause bubbling and shearing, reducing the viscosity unnecessarily. Apply when the air, product, and surface temperatures are above 60°F (15°C) and at least 5°F (3°C) above the dew point.  
  
AIRLESS SPRAY: Binks Comet 4B, 30:1 pump or equivalent. GUN: Binks Airless 1. TIP SIZE: .018" - .021", 2500 psi atomizing pressure. FLUID HOSE: 1/4". HVLP SPRAY: Gun: Binks Mach 1. FLUID NOZZLE: 92. AIR CAP: 95P. CONVENTIONAL SPRAY: Binks equipment or equivalent pressure tank. GUN: Binks Model 2001. FLUID PRESSURE: 20 psi. ATOMIZING PRESSURE. 40-50 psi. FLUID NOZZLE: 66 SS(.070"). AIR CAP: 66 SD. AIR HOSE: 5/16". FLUID HOSE: 3/8".
- THINNING** For all methods of spray – use as received. Build film gradually to obtain desired film thickness. Do not reduce with water. Increase fluid pressure to improve atomization.
- PREPARATION** The surface to be coated must be free of dirt, grease, oil, soap residue, wax, and loose paint. If the booth is already coated with dirty paint, it should be removed with mechanical or chemical strippers. The booth surface should be clean and smooth in order for the booth coating to release properly when pulled. A spray booth which is covered with dirty paint or other contaminants will tend to make the booth coating stick rather than release as it is intended to do.
- DRYING TIME** Normal 77°F (25°C), 50% R.H. 945 dries to touch in approximately 2-3 hours. Drying times will be extended by high humidity, cold temperatures, and increased film thickness.
- CLEAN UP** Clean equipment promptly with warm, soapy water.
- REGULATIONS** Meets OSHA and EPA environmental workplace standards for solvent emission in the atmosphere.
- SAFETY** PROTECT FROM FREEZING. CAUTION! Do not take internally. Close container after each use. KEEP OUT OF THE REACH OF CHILDREN.
- SHELF LIFE** 1 year inside storage, normal temperature.

## Typical Properties

<b>PRODUCT NO./COLOR</b>	945/ Crystal Clear	<b>FLASH POINT</b>	Water base system – N/A
<b>GLOSS</b>	20°-30° (60° Head)	<b>PACKAGING</b>	5 gal, 1 gal.
<b>SOLIDS BY WEIGHT</b>	29% + / - 1	<b>THEORETICAL COVERAGE</b>	408 sq ft/gal @ 1.0 mils dry (3.9 mils wet)
<b>SOLIDS BY VOLUME</b>	25.4%	<b>RECOMMENDED COVERAGE* (calculated)</b>	203 sq ft/gal @ 2 mils dry (7.9 mils wet)
<b>VISCOSITY</b>	75-78 Krebs Units		
<b>WT/GALLON</b>	8.7 lbs		
<b>COATING/MATERIAL VOC</b>	1.41/.42 lbs/gal		

\*When computing working coverage, allow for application losses, irregular surfaces, etc. See reverse side for warranty information and product disclaimer.