



## TECHNICAL DATA SHEET

### PRODUCT NAME: CRYSTAL

Version: 09/05/2012

#### **DESCRIPTION:**

Crystal brings you a free flowing colour change (Flip paint) For the most dramatic effect Apply Crystal over a dark colour base coat but can be applied over a lighter base coat colours for a softer iridescent look yet still intense colour change. The colour possibility is endless and brings a new dimension to your product.



#### **SURFACE PREPARATION:**

Apply 2K Primer as directed. After following recommended dry time to sand, clean primed surface of all contaminants and debris. Sand with P600 or finer grade wet or dry paper (or machine sanded with P320 grade or finer). Clean surface of all sanding debris with solvent. Allow to dry completely prior to ground coat application. Previously painted surfaces must be sanded with 600-1000 grit paper.



#### **GROUND COAT:**

Crystal colours are recommended over black base coat for the strongest effect but can be applied over other Base colours for custom effect. Allow 60 minutes for base colour to dry before applying the Crystal colour.



#### **MIXING:**

MIX RATIO: 2:1 – Mix by volume, mix thoroughly and strain prior to spraying.  
 · 2 Parts Crystal Colour (mix well)  
 · 1 Part D-Thinner

INSPIRE AIRBRUSH: Comes ready you use but can be thinned up to 100% with Inspire Thinner

#### **POT LIFE:**

Not Applicable – will keep in airtight container if unactivated



#### **GUN SET UP:**

Conventional (Gravity): 1.4mm – 1.8mm  
 HVLP (Gravity): 1.0mm – 1.4mm  
 (Depending on the size of object being painted)

#### **AIR PRESSURE:**

Conventional: 50 – 60 psi at the gun  
 HVLP: 10 psi maximum at the cap  
 (Refer to spray gun manufacturer's recommendations)



### **APPLICATION:**

HVLP Guns are recommended. Strain the paint into the paint gun.

- Apply 2 - 5 coats with 75% pattern overlap. Allow 10 -15 minutes flash time between coats. Avoid heavy coats as this will cause a patchy appearance.
- Gun distance while spraying should be approximately 6 inches away from the surface.
- Avoid dry spraying, as loss of adhesion is possible with basecoats.
- Always spray a series of test panels first to determine the colour and appearance required.
- Spray the vehicle sides in one continuous pass rather than individual panels to avoid film build up on the edge of panels with could cause a patchy appearance on the finished panel.
- Wait for 60 minutes before applying clearcoat.



### **FLASH TIME:**

Allow flash 10 - 15 minutes flash time between coats.



### **TOPCOATING:**

Topcoat with 2K SHOWCLEAR to provide the ultimate deep gloss finish. Follow 2K SHOWCLEAR application directions.



### **SPECIAL NOTES:**

NOTE: Always spray a test panel first to establish the ground coat colour and amount of coats required to achieve the desired colour effect.

NOTE: The final colour of these effects is dependent on the colour of the ground coat and the amount of Crystal applied.

### **HEALTH & SAFETY:**

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Wear a properly fitting NIOSH/MSHA approved respirator. Select positive pressure supplied respirator (TC-19C or equivalent) for isocyanates. Follow the respirator manufacturer's directions for use.

Protect hands with impervious rubber gloves. Wear face, skin and eye protection. Specialist Paints finishes are for industrial use by professional, trained painters.

Note: Custom painting can be difficult. All products should be fully tested prior to commencing any job to determine suitability, final finish and overall appearance. All information and data provided by CUSTOM PAINTS LTD is given in good faith and intended to be a general guide only. CUSTOM PAINTS LTD shall not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of, or incorrect preparation, use of incompatible materials, equipment failure or use of incorrect equipment or any other reason beyond the control of CUSTOM PAINTS LTD and further offers no warranties of whatever nature express or implied as to merchantability or fitness for a particular use or purpose and shall not accept liability for any specific or consequential damage as a result of using these products unless otherwise agreed to in writing. Should a product be defective, CUSTOM PAINTS LTD shall replace the defective product, or, at its sole discretion refund the purchase price.