



**Staying Connected**

**Building Awareness**

**Developing Knowledge**



**1** **Fillers, Putties & Glazes**

**2** **Primers & Clears**

**3** **RAPTOR Part I**

**4** **RAPTOR Part II**

**5** **Premium Aerosols**

**6** **Custom Cans**



## ***HeadStart – Process Development***

**7 RAPTOR: Alternative Uses**

**8 Specialty Fillers: Fiberglass Fillers**

**9 Specialty Fillers: Plastic Repair**

**10 Premium Aerosols Part II**

**11 Smart Repair**

**12 Fast: Fill & Prime**

# Module 6: Custom Filling Cans



Fillers



Clears and Primers



RAPTOR



Aerosols

Custom Cans



# Custom Filling Cans



DRIVING SURFACE PERFECTION

## Getting the most from your custom can machine



# Custom Filling Cans



## Why Sell U-POL Custom Cans

- Superior tip technology
- Wide uniform fan
- 100% compatible with U-POL 2K products
- “Like spray gun” results
- Similar range as Premium Aerosol offering
- Valuable customer expansion opportunity
- For Professional or DIY applications
- Develop customer base outside of traditional automotive industry.



# Custom Filling Cans



Choosing the right machine for in store or end user use ....what's the volume

## 1 to 20 cans per week

- Best Choice = manual machine
- Perfect for offering to large body shops / dealerships
- Commercial
- Light Industrial



## 100 + per month

Automatic is a most suitable choice



# Custom Filling Cans



## Custom Filling Can application range and advantages

Professional body shop and DIY  
Spot and SMART repairs  
Small part and component painting  
Cut-in / Jambing parts  
Under hood  
Municipal / Township / State fleets  
Sign Companies installation touch up  
Reduces masking time  
Reduces material waste and clean up  
Lower skilled operators can use



# Custom Filling Cans



DRIVING SURFACE PERFECTION

Custom Can selection - what products can be filled



**0851 Solvent Based**  
Acrylic enamel  
Base Coat  
Activated 2K (hot pot)  
Solvent based cleaners



**0852 Water Borne**  
VOC compliant water  
borne base coats

# Custom Filling Cans



Proper set up of pneumatic machine is key for consistent function

## Key take away points

- #1 Consideration – Inlet pressure.  
120 - 135 psi = proper op pressure  
110 – 120 = inconsistent filling, especially with thick products  
100 – 120 = function and fill issues  
Every 35' = 10-13 psi pressure drop
- #2 Clean, dry, oil free air, otherwise internal parts can foul. Use an inline disposable filter.
- #3 Do not open the door prematurely, interrupts fill cycle and can unseat filling cup disc



# Custom Filling Cans



Proper set up of pneumatic machine is key for consistent function

## Key take away points

- #4 Press down in the center of the cup when seating in aluminum cup.
- #5 If an aerosol cap is difficult to remove from the cup, place on a hard surface and press down



# Custom Filling Cans



- Next slide covers the fill sequence for custom can application
- Typically 1K products – base coat or acrylic enamel
- Shows “art of the possible” when using custom cans



# Custom Filling Cans



Application video with 0851  
Custom Cans:

- 2K Primer application
- Acrylic enamel paint



# Custom Filling Cans



## Maintenance and trouble shooting

Filling machines are “low” maintenance but they are not “no” maintenance. Most common issues are associated with material build up in the machine:

### #1 “Short cycling”

- Incorrect inlet pressure – 120 – 135 required
- Opening the door before filling cycle is complete.
- result can be partial fill, disk pops off

### #2 Over filling reservoir cup

- causes paint spill

### #3 Not cleaning and wiping up those spills

- fouls piston head
- prevents door from fully closing
- platform won't rotate or rise



# Custom Filling Cans



## Maintenance and trouble shooting

#4 Keep piston head clean from paint build up for easy disc installation and seating



Poorly maintained piston head has paint build up in grooves, preventing proper disc seating



# Custom Filling Cans



## Custom Can / Filling Machine Summary

- Highly profitable
- Place with volume body shops
- Commercial / industrial application
- Professional results
- Easy to use
- Wide range of products can be filled
- Including 2K solvent and water borne paints
- Low maintenance

