

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2018  
 DateRun: 12/06/2018  
 Experimenters: Ted Kearney  
 ClientType: Cleaner Manufacturer  
 ProjectNumber: Project #14  
 Substrates: Glass/Quartz  
 PartType: Coupon  
 Contaminants: Glass  
 Cleaning Methods: Low Pressure Spray  
 Analytical Methods: Timing

Purpose: To evaluate aerosol glass/surface cleaners for vertical adhesion to glass surface

Experimental Procedure: for 1-2 seconds onto the surface. A timer was started to determine the time the cleaner took to travel 1 foot (30 cm). A second observation was made to see how much movement was achieved for the products for a total of 2 minutes. At the end of the 2 minutes the distance traveled by the product was recorded. For products that need more than 1 minute to travel the 30 cm, time will be recorded as greater than 2 minutes and receive a score of excellent. For products that run down the entire length of the window (4 feet) in less than the 2 minutes, the distance were recorded as greater than 4 feet and will receive a score of poor.

Observations were made using the following:

| Time Rating (sec) | Rating    | Distance Rating (foot) | Rating    |
|-------------------|-----------|------------------------|-----------|
| 120               | Excellent | <1                     | Excellent |
| 60                | Good      | 1                      | Good      |
| 30                | Okay      | 2                      | Okay      |
| 15                | Fair      | 3                      | Fair      |
| <15               | Poor      | 4                      | Poor      |

Results: Both products had excellent vertical cling as determined by the length of time needed to travel one foot and how far the sprayed product traveled in 2 minutes. The table lists the time and distances for each product.

| Product               | Time 1 ft.      | Rating | Distance in 2 mins. | Rating |
|-----------------------|-----------------|--------|---------------------|--------|
| Jenny Glass Cleaner   | >120 secs       | 1      | 15 inches           | 1      |
|                       | >120 secs       | 1      | 6.5 inches          | <1     |
|                       | >120 secs       | 1      | 5.5 inches          | <1     |
|                       | Product Average | 1      |                     | 0.67   |
| Rejoice Glass Cleaner | >120 secs       | 1      | 4 inches            | <1     |
|                       | >120 secs       | 1      | 11.5 inches         | 1      |
|                       | >120 secs       | 1      | 11 inches           | <1     |
|                       | Product Average | 1      |                     | 0.67   |

Summary:

|                      |                                  |               |                    |                                     |                      |  |
|----------------------|----------------------------------|---------------|--------------------|-------------------------------------|----------------------|--|
| <b>Substrates:</b>   |                                  | Glass/Quartz  |                    |                                     |                      |  |
| <b>Contaminants:</b> |                                  | Glass         |                    |                                     |                      |  |
| <b>Company Name:</b> | <b>Product Name:</b>             | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>                   | <b>Observations:</b> |  |
| Brand Buzz           | Brand Buzz Jenny Glass Cleaner   | 100%          |                    | <input checked="" type="checkbox"/> |                      |  |
| Brand Buzz           | Brand Buzz Rejoice Glass Cleaner | 100%          |                    | <input checked="" type="checkbox"/> |                      |  |

Conclusion:

## **CLEANING LABORATORY EVALUATION SUMMARY**

Brand Buzz Jenny Glass Cleaner and Brand Buzz Rejoice Glass Cleaner both performed excellent on the glass cling test. Both Brand Buzz products (Jenny Glass Cleaner & Rejoice Glass Cleaner) had similar rates for the distance traveled in 2 minutes' test. Both received a score of 0.67, meaning both products have excellent distance rating.