# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2018

DateRun: 12/05/2018

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:

| **Substrates:** | Glass/Quartz | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Glass | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Brand Buzz | Brand Buzz Jenny Glass Cleaner | 100% | 0.00 | ☑ | |
| Brand Buzz | Brand Buzz Rejoice Glass Cleaner | 100% | 0.00 | ☑ | |

Conclusion: 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

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for the distance traveled in 2 minutes' test. Both received a score of 0.67, meaning both products have excellent distance rating.