

## How to Apply Orco RTS™ (Ready-To-Spray) Colorants to Live Flowers

The **Orco RTS™** (Ready-To-Spray) coloring system is applicable to living & decorative artificial plants and floral arrangements. This system offers a wide array of colors and special effects including the following advantages:

- All-In-One-Step spray system
- Straight and Custom Colors available including special effects glitters
- Non-Toxic
- Non-Hazardous
- Eco-Friendly
- Quick drying
- Does not harm living plants
- Ease of application
- Options to color or just application of glossy coat

### Application Procedure for **Orco RTS™** Flower Sprays

1. **Orco RTS™** Flower Sprays must be thoroughly stirred prior to use. Settling after an extended period of time is normal. An inexpensive paint mixer that can be connected to a hand held drill, which can be purchased at any hardware store works well for 1 gallon and 5 gallon pails.
2. **Orco RTS™** Flower Sprays are made to be applied as a spray. To get the best results, an air driven spray gun and air compressor is needed. Hardware and auto part stores carry the spray guns in several models. High efficiency HVLP (high volume low pressure) spray guns minimize over spray and bounce back. Whatever your choice of a spray gun, an airflow regulator will help you operate the spray gun within manufacturer's specifications. Hand held trigger sprayers will not give a uniform spray distribution and are not recommended. For best results use 18-22 PSI.
3. Choose a well ventilated area for spraying. Do not spray in locations that are confined where mist will accumulate or where it is windy. **Orco RTS™** Flower Sprays are not considered toxic or flammable and contain no VOC's. Read the Safety Data Sheets for the product before using. Good industrial practice should be followed.
4. After **Orco RTS™** Flower Spray has been stirred and put in the spray gun, test spray on a piece of cardboard or any disposable material prior to spraying plants. Adjust the spray as needed.

5. Once the spray gun has been adjusted and you are ready to begin spraying your plant, keep your spray gun at a 90 degree angle and keep the spray nozzle about 12 inches from the plant. Your spray stroke should be slowly from left to right. Begin the movement before you squeeze the trigger. Also, keep the spray gun in motion when spraying. Release the trigger before the end of the stroke. You can repeat the stroke to get the amount of coverage you desire. Do not stop the spray gun in the middle of a stroke or spray back and forth--this causes build up of color or uneven distribution of **Orco RTS™** Flower Sprays. With a little practice, you will produce a uniformly sprayed plant.
6. Air coming from the sprayer helps move leaves and foliage, allowing for a more uniform coating of the plant. If the air pressure to the sprayer is too high, air velocity from the sprayer may cause damage to the plant. When adjusting the pressure to the sprayer stay within the parameters recommended by the manufacturer.
7. You may want to apply **Orco Glitter™** to your plant. You can do this while the plant surface is still wet. The adhesive binder in the paint will help hold the **Orco Glitter™** onto the surface. Do not add **Orco Glitter™** to **Orco RTS™** Flower Spray, as the particle size is too large for the spray nozzle of the sprayer and will plug the spray gun.
8. Another color effect as well, or including using **Orco Glitter™**, is to spray on a color, then spray another color lightly over the first. For example, spray a base color of blue, violet or fuchsia and then spray a light coat of silver or gold.
9. After the plants have been sprayed, allow to dry. This should take 15 to 30 minutes, depending on the temperature and humidity. Once dry, the color should not come off onto your finger when handled normally. Incidental water contact should not cause bleeding of the colorant. If adhesion needs to be improved, a top coat of diluted **Orco Adhesive 309 Hi Conc™** can be sprayed on the plant:

Dilute **Orco Adhesive 309 Hi Conc™** with water at a ratio of 1 part **Orco Adhesive 309 Hi Conc™** to 3 parts of water. The ratio may need adjusting for desired adhesion.

10. **Orco RTS™** Flower Spray and **Orco Adhesive 309 Hi Conc™** have undergone significant testing and have demonstrated very good results with no significant adverse effects on the longevity of fresh flowers or potted plants. Trials were conducted at many locations, including pot life testing at Kansas State University. However, we strongly encourage you to conduct your own tests with each application to confirm that your specific procedure gives adequate results.

**Important Note:** Clean the sprayer immediately after each use following manufacturer recommendation

## Application Procedure for Orco Adhesive 309 Hi Conc™

1. Dilute **Orco Adhesive 309 Hi Conc™** with water at a ratio of 1 part **Orco Adhesive 309 Hi Conc™** to 3 parts of water. The ratio may need adjusting for desired adhesion.
2. Spray **Orco Adhesive 309 Hi Conc™** using a fine mist onto the plant. Coat only the top of the plant. Do not coat the bottom of the flowers or leaves. They must be allowed to breathe. Spray until the coverage is uniform and complete. Do not over spray. Excess spraying may cause shortness of plant life. Hand held trigger sprayers with adjustable nozzles may be used. On large scale production an air spray gun may be more efficient.
3. Slowly sprinkle **Orco Glitter™** onto the plant as desired. Allow 25 to 30 minutes to dry, depending on the temperature and humidity of your location.
4. After the plant has dried, if you feel more adhesion is needed, you can apply an additional coat of diluted **Orco Adhesive 309 Hi Conc™**. This can be done after **Orco Glitter™** has been applied and dried.
5. **Orco Adhesive 309 Hi Conc™** has undergone significant testing and has demonstrated very good results with no significant adverse effects on the longevity of fresh flowers or potted plants. Trials were conducted at many locations including pot life testing at Kansas State University. However, we strongly encourage that you conduct your own tests with each application to confirm that your specific procedure gives adequate results.

**Important Note:** Clean the sprayer immediately after each use following manufacturer recommendation